

**U. S. Department of the Interior
U. S. Geological Survey**

Stable Hydrogen and Oxygen Isotope Ratios for Selected Sites of the U.S. Geological Survey's NASQAN and Benchmark Surface-water Networks

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By Tyler B. Coplen and Carol Kendall

U.S. Geological Survey

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Reston, Virginia

2000

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CONVERSION FACTORS AND VERTICAL DATUM

Multiply	By	To obtain
foot (ft)	0.3048	meter
square mile (mi ²)	2.590	square kilometer

Sea level: In this report “sea level” refers to the National Geodetic Vertical Datum of 1929—a geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

STABLE HYDROGEN AND OXYGEN ISOTOPE RATIOS FOR SELECTED SITES OF THE U.S. GEOLOGICAL SURVEY'S NASQAN AND BENCHMARK SURFACE-WATER NETWORKS

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ABSTRACT

Increasingly, hydrologic studies require information on the isotopic composition of natural waters. This report presents stable hydrogen ($\delta^2\text{H}$) and oxygen isotope ratios ($\delta^{18}\text{O}$) from 391 selected sites of the U.S. Geological Survey's National Stream Quality Accounting Network (NASQAN) and BENCHMARK surface water networks collected during the years 1984–1987. Depth-integrated samples were collected and analyzed from each site bimonthly or quarterly for about 3 years.

This report can be accessed at the Internet address: <http://pubs.water.usgs.gov/ofr-00-160>.

INTRODUCTION

The ratio of the stable isotopes of hydrogen in terrestrial water varies in the environment by nearly a factor of two. The ratio of the stable isotopes of oxygen in terrestrial water varies by 5 percent. These relatively large seasonally and (or) climatically-induced variations allow hydrologists to solve practical problems, such as the identification or quantification of the source of a water, the determination of ground-water velocities, or determining the seasonality of aquifer recharge (Coplen and others, 2000). In favorable situations, hydrologists calculate isotope mass balances to determine the fraction of imported or anthropogenic recharge in well waters.

Information about the spatial and temporal variation of the ratios of the stable isotopes of hydrogen and oxygen in ground and surface water is of fundamental use to hydrologists undertaking environmental studies. In order to provide such information, the U.S. Geological Survey (USGS) Isotope Fractionation Project in Reston, VA, analyzed more than 4,800 depth-integrated, stream-water samples from 391 sites nationwide (Figure 1). The sites were selected from the NASQAN (National Stream Quality Accounting Network) and the Benchmark water quality monitoring networks established and maintained by the USGS. At most of the selected sites, samples were collected bimonthly or quarterly for about 3 years during the period 1984–1987. NASQAN sites in small basins were preferentially selected to provide the best proxy-record for precipitation (and ground-water recharge). Samples were collected from all 50 of the Benchmark sites. The Benchmark network consists of sites in small, pristine watersheds. Samples from the Benchmark sites should be a good representation of local ground-water recharge, but this is not necessarily true for the NASQAN samples.

ANALYTICAL METHODS

The ratios of the stable isotopes of hydrogen and oxygen are expressed as δ (delta) values in parts per thousand (per mill or ‰) relative to Vienna Standard Mean Ocean Water (VSMOW) reference water and normalized (Gonfiantini, 1984) on scales such that the hydrogen and oxygen isotopic composition of Standard Light Antarctic Precipitation (SLAP) reference water are -428‰ and -55.5‰ exactly, respectively. Thus, for stable hydrogen and oxygen isotope ratios:

$$\delta^2\text{H (in ‰)} = \left[\frac{\left[\frac{^2\text{H}}{^1\text{H}} \right]_{\text{sample}}}{\left[\frac{^2\text{H}}{^1\text{H}} \right]_{\text{VSMOW}}} - 1 \right] 1000 \quad 1$$

and

$$\delta^{18}\text{O (in ‰)} = \left[\frac{\left[\frac{^{18}\text{O}}{^{16}\text{O}} \right]_{\text{sample}}}{\left[\frac{^{18}\text{O}}{^{16}\text{O}} \right]_{\text{VSMOW}}} - 1 \right] 1000 \quad 2$$

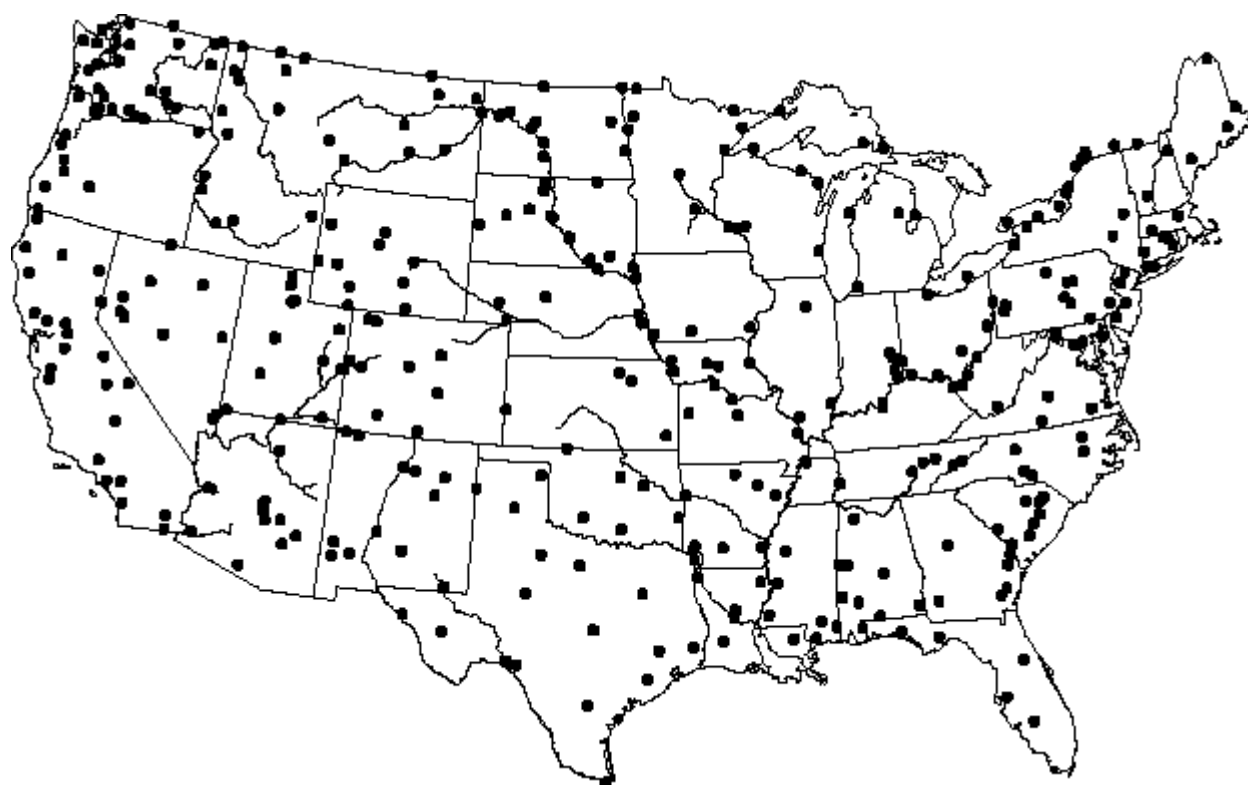


Figure 1. Map of the United States showing sites for which hydrogen and oxygen isotope data are presented in this report.

Water samples for analysis of hydrogen isotopic composition were prepared using zinc reduction (Kendall and Coplen, 1985). Water samples for analysis of oxygen isotopic composition were prepared by equilibration with CO₂ at 25°C (Epstein and Mayeda, 1953). The 2-sigma uncertainties of stable hydrogen and oxygen isotope ratios are 2‰ and 0.2‰, respectively.

ISOTOPE RATIOS

The stable hydrogen and oxygen isotope data from 391 sites are presented in Tables 1 and 2 and in 391 data sheets, one sheet for each site. For each site, the station name, station number, drainage area, hydrologic unit code, latitude, longitude, and altitude are given in Table 1. Table 2 shows the slope and intercept of a least squares regression of hydrogen versus oxygen isotope ratios for selected sites. For most sites, both $\delta^2\text{H}$ and $\delta^{18}\text{O}$ values were determined; however, at a few sites only one or the other isotope ratios were determined. For each site a plot of $\delta^2\text{H}$ versus $\delta^{18}\text{O}$ is shown. Superimposed on these isotopic data is the global meteoric water line of Rozanski and others (1993). This line is the global average of precipitation from International Atomic Energy Agency and World Meteorological Organization sites:

$$\delta^2\text{H} = 8.13\delta^{18}\text{O} + 10.8. \quad 3$$

First, some caveats are in order about the use of the isotope ratio data presented herein. The samples are not integrated over time; thus, their averages may not show systematic correlation with average ground-water-recharge isotopic abundances. Furthermore, in contrast to data from the Benchmark network of small watersheds, the user of these data is advised that data from many of the NASQAN sites may be inappropriate for determination of ground-water recharge $\delta^2\text{H}$ and $\delta^{18}\text{O}$ values. The samples from some NASQAN sites integrate water that originated at a great distance and different altitude than the collection site; thus, the $\delta^2\text{H}$ and $\delta^{18}\text{O}$ of such samples may not be representative of ground-water recharge to the basin. Sites downstream from reservoirs from which significant amounts of water have evaporated will be enriched in ^2H and ^{18}O and will most likely not be representative of basinwide ground-water recharge either, but they might reflect local recharge to an adjacent floodplain aquifer. Some of these sites can be identified by “Below...” or similar terms in their station names in Table 1. Finally, the stations identified as Hydro-Climatic Data Network (HCDN) stations should be particularly relevant to climate analysis.

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Table 1. Description of sites for which isotope data are presented in this report

[For column N, N = NASQAN, B = Benchmark, and * indicates records are also found in the HCDN (Slack and Landwehr, 1992); HUC, hydrologic unit code; sq mi, square mile; ft, foot; R, River; Cr, Creek.]

Station Code	Station Name	State	Dist	N	Decimal Latitude	Decimal Longitude	Drainage in sq mi	HUC	Altitude in ft above sea level
01015000	St. John River At Van Buren	ME	25	N	47.15971	67.9319	8174	01010001	407.69
01021050	St. Croix River At Milltown	ME	25	N	45.16972	67.2972	1460	01050001	0.00
01022500	Narraguagus River At Cherryfield	ME	25	N*	44.60805	67.9361	227	01050002	44.20
01054200	Wild River At Gilead	ME	25	B*	44.39055	70.9794	70	01040002	683.10
01059400	Androscoggin River At Brunswick	ME	25	N	43.91750	69.9736	3434	01060001	
01103500	Charles River At Dover	MA	25	N	42.25610	71.2605	184	01090001	89.76
01118500	Pawcatuck River At Westerly	RI	25	N*	41.38361	71.8336	295	01090005	-1.76
01122610	Shetucket River At South Windham	CT	25	N	41.68221	72.1664	408	01100002	
01127000	Quinebaug River At Jewett City	CT	25	N	41.59777	71.9847	715	01100001	63.07
01154500	Connecticut River At North Walpole	NH	25	N	43.12610	72.4372	5493	01080104	218.63
01184000	Connecticut River At Thompsonville	CT	25	N	41.98721	72.6058	9661	01080205	38.48
01205500	Housatonic River At Stevenson	CT	25	N	41.38388	73.1680	1541	01100005	24.98
01304000	Nissequogue River Near Smithtown	NY	36	N	40.84943	73.2247	27	02030201	9.59
01305000	Carmans River At Yaphank	NY	36	N*	40.83028	72.9066	71	02030202	17.95
01358000	Hudson River At Green Island	NY	36	N	42.75222	73.6894	8090	02020003	-0.31
01362198	Esopus Creek At Shandaken	NY	36	B*	42.11639	74.3889	60	02020006	1017.27
01389500	Passaic River At Little Falls	NJ	34	N	40.88472	74.2264	762	02030103	120.00
01403300	Raritan R At Queens Br At Bound Brook	NJ	34	N	40.55943	74.5280	804	02030105	
01411500	Maurice River At Norma	NJ	34	N*	39.49500	75.0772	112	02040206	46.94
01463500	Delaware River At Trenton	NJ	34	N*	40.22166	74.7783	6780	02040105	0.00
01466500	McDonalds B In Lebanon State Forest	NJ	34	B*	39.88472	74.5056	2	02040202	117.73
01474500	Schuylkill River At Philadelphia	PA	42	N	39.99500	75.1944	1893	02040203	5.74
01491000	Choptank River Near Greensboro	MD	24	N*	38.99722	75.7861	113	02060005	3.51
01540500	Susquehanna River At Danville	PA	42	N	40.95805	76.6194	11220	02050107	431.29
01545600	Young Womans Creek Near Renovo	PA	42	B*	41.38943	77.6911	46	02050203	780.00
01553500	W Branch Susquehanna R At Lewisburg	PA	42	N	40.96721	76.8769	6847	02050206	428.20
01567000	Juniata River At Newport	PA	42	N*	40.47832	77.1294	3354	02050304	363.93
01570500	Susquehanna River At Harrisburg	PA	42	N*	40.25471	76.8861	24100	02050305	290.01
01578310	Susquehanna River At Conowingo	MD	24	N	39.65721	76.1753	27100	02050306	5.00
01594440	Patuxent River Near Bowie	MD	24	N	38.95583	76.6933	348	02060006	13.10
01618000	Potomac River At Shepherdstown	WV	24	N	39.43443	77.8019	5936	02070004	281.00
01636500	Shenandoah River At Millville	WV	24	N	39.28194	77.7894	3040	02070007	293.00
01646580	Potomac R At Chain Bridge At Washington	DC	24	N	38.92944	77.1172	11570	02070010	
02038850	Holiday Creek Near Andersonville	VA	24	B*	37.41527	78.6361	9	02080207	472.97
02049500	Blackwater River Near Franklin	VA	24	N	36.76250	76.8986	617	03010202	1.56
02075500	Dan River At Paces	VA	24	N	36.64222	79.0897	2550	03010104	322.48
02083500	Tar River At Tarboro	NC	37	N*	35.89388	77.5333	2183	03020103	10.37
02091500	Contentnea Creek At Hookerton	NC	37	N*	35.42777	77.5861	729	03020203	16.00
02116500	Yadkin River At Yadkin College	NC	37	N*	35.85666	80.3861	2280	03040101	638.65
02126000	Rock Creek Near Norwood	NC	37	N*	35.14830	80.1758	1372	03040105	212.91
02129000	Pee Dee River Near Rockingham	NC	37	N	34.94610	79.8697	6863	03040201	120.68
02131000	Pee Dee River At Peedee	SC	45	N*	34.20416	79.5486	8830	03040201	24.73
02132000	Lynches River At Effingham	SC	45	N*	34.05138	79.7542	1030	03040202	58.49
02135300	Scape Ore Swamp Near Bishopville	SC	45	B*	34.15054	80.3050	96	03040205	164.53
02136000	Black River At Kingstree	SC	45	N*	33.66110	79.8361	1252	03040205	25.66
02170500	Lakes M-M Div Canal Near Pineville	SC	45	N	33.38750	80.1403		03050201	
02175000	Edisto River Near Givhans	SC	45	N	33.02777	80.3917	2730	03050205	20.46
02176500	Coosawhatchie River Near Hampton	SC	45	N	32.83611	81.1319	203	03050208	50.30
02197300	Upper Three Runs Near New Ellenton	SC	45	B*	33.38472	81.6167	87	03060106	120.00
02198500	Savannah River Near Cloy	SC	45	N*	32.52499	81.2625	9850	03060109	13.41
02202500	Ogeechee River Near Eden	GA	13	N*	32.19138	81.4161	2650	03060202	19.64
02212600	Falling Creek Near Juliette	GA	13	B*	33.09972	83.7236	72	03070103	370.00
02226160	Altamaha River At Everett City	GA	13	N	31.42694	81.6055	14000	03070106	-0.08

Table 1. Description of sites for which isotope data are presented in this report (cont.)

Station Code	Station Name	State	Dist	N	Decimal Latitude	Decimal Longitude	Drainage in sq mi	HUC	Altitude in ft above sea level
02228000	Satilla River At Atkinson	GA	13	N*	31.22111	81.8675	2790	03070201	14.79
02236000	St. Johns River Near Deland	FL	12	N*	29.00805	81.3828	3066	03080101	0.00
02256500	Fisheating Creek At Palmdale	FL	12	N*	26.93222	81.3150	311	03090103	27.19
02301500	Alafia River At Lithia	FL	12	N*	27.87194	82.2114	335	03100204	7.00
02327100	Sopchoppy River Near Sopchoppy	FL	12	B*	30.12916	84.4944	102	03120003	0.00
02343801	Chattahoochee R At Andrews L&D Nr Columbia	AL	13	N	31.25916	85.1103	8210	03130004	
02353000	Flint River At Newton	GA	13	N	31.30944	84.3350	5740	03130008	110.20
02366500	Choctawhatchee River Near Bruce	FL	12	N*	30.45083	85.8983	4384	03140203	3.94
02369800	Blackwater River Near Bradley	AL	1	B*	31.02750	86.7100	87	03140104	121.87
02376500	Perdido River At Barrineau Park	FL	12	N*	30.69027	87.4403	394	03140106	25.77
02420000	Alabama River Near Montgomery	AL	1	N	32.41138	86.4083	15087	03150201	97.90
02429500	Alabama River At Claiborne	AL	1	N	31.54667	87.5125	21967	03150204	0.40
02449000	Tombigbee River At Gainesville	AL	1	N	32.82500	88.1566	8632	03160106	63.29
02450250	Sipsey Fork Near Grayson	AL	1	B*	34.28527	87.3989	92	03160110	540.00
02466031	Black Warrior R Below Warrior Dam Nr Eutaw	AL	1	N	32.77888	87.8441	5810	03160113	50.00
02469762	Tombigbee R Below Coffeeville Lock And Dam	AL	1	N	31.75833	88.1264	18417	03160203	14.00
02479155	Cypress Creek Near Janice	MS	28	B*	31.02500	89.0167	53	03170007	110.00
02479560	Escatawpa River Near Agricola	MS	1	N	30.80889	88.4614	562	03170008	50.00
02481510	Wolf River Near Landon	MS	28	N	30.48333	89.2744	308	03170009	21.34
03049625	Allegheny River At New Kensington	PA	42	N	40.56444	79.7728	11500	05010009	
03085000	Monongahela River At Braddock	PA	42	N	40.40527	79.8814	7337	05020005	707.16
03107500	Beaver River At Beaver Falls	PA	42	N	40.76333	80.3153	3106	05030104	727.48
03112510	Ohio River At Benwood Near Wheeling	WV	54	N	40.01500	80.7389	25070	05030106	
03155000	Little Kanawha River At Palestine	WV	54	N	39.05972	81.3903	1515	05030203	585.51
03159510	Hocking River Below Athens	OH	39	N	39.32749	82.0050	957	05030204	
03176500	New River At Glen Lyn	VA	24	N	37.37276	80.8608	3768	05050002	1490.24
03201300	Kanawha River At Winfield	WV	54	N	38.52555	81.9111	11809	05050008	
03204000	Guyandotte River At Branchland	WV	54	N	38.22083	82.2028	1224	05070102	547.91
03215000	Big Sandy River At Louisa	KY	21	N	38.17110	82.6347	3897	05070204	512.81
03237280	Upper Twin Creek At McGaw	OH	39	B	38.64361	83.2158	12	05090201	543.41
03254000	Licking River At Butler	KY	21	N	38.78944	84.3514	3375	05100101	477.00
03274600	G Miami River At New Baltimore	OH	39	N	39.26305	84.6678	3814	05080002	
03275000	Whitewater River Near Alpine	IN	18	N*	39.57940	85.1581	522	05080003	750.19
03276500	Whitewater River At Brookville	IN	18	N	39.40665	85.0128	1224	05080003	595.71
03276700	South Hogan Creek Near Dillsboro	IN	18	B	39.02972	85.0380	38	05090203	571.00
03277200	Ohio River At Markland Dam Near Warsaw	KY	21	N	38.77471	84.9644	83170	05090203	
03298500	Salt River At Shepherdsville	KY	21	N	37.98499	85.7175	1197	05140102	406.58
03301630	Rolling Fork Near Lebanon Junction	KY	21	N	37.82277	85.7478	1375	05140103	
03378500	Wabash River At New Harmony	IN	18	N	38.13194	87.9403	29234	05120113	
03453500	French Broad River At Marshall	NC	37	N	35.78611	82.6608	1332	06010105	1646.79
03460000	Cataloochee Creek Near Cataloochee	NC	37	B*	35.66721	83.0728	49	06010106	2456.88
03470500	French Broad River Near Knoxville	TN	47	N	35.95833	83.7739	5101	06010107	0.00
03535912	Clinch R At Melton Hill Dam (tailwater)	TN	47	N	35.88527	84.3008	3343	06010207	0.00
03543005	Tennessee R At Watts Bar Dam (tailwater)	TN	47	N	35.62027	84.7833	17310	06010201	0.00
03604000	Buffalo River Near Flat Woods	TN	47	B*	35.49583	87.8328	447	06040004	513.58
04001000	Washington Creek At Windigo	MI	26	B*	47.92305	89.1450	13	04020300	605.00
04014500	Baptism River Near Beaver Bay	MN	27	N*	47.33527	91.2017	140	04010101	613.65
04024430	Nemadji River Near South Superior	WI	55	N	46.63333	92.0939	420	04010301	
04027595	Bad River Near Odanah	WI	55	N	46.48750	90.6958	597	04010302	668.30
04045500	Tahquamenon R Near Tahquamenon Paradise	MI	26	N*	46.57500	85.2694	790	04020202	697.00
04045580	St Marys River Above Sault Ste Marie	MI	26	N	46.49138	84.4214	80900	04020300	
04063700	Popples River Near Fence	WI	55	B*	45.76361	88.4630	139	04030106	1406.16
04067500	Menominee River Near McAllister	WI	55	N	45.32222	87.6611	3930	04030106	630.00
04087000	Milwaukee River At Milwaukee	WI	55	N*	43.10000	87.9089	696	04040003	607.23
04101500	St. Joseph River At Niles	MI	26	N	41.82916	86.2597	3666	04050001	633.02
04126520	Manistee River At Manistee	MI	26	N	44.25055	86.3192	2000	04060103	
04142000	Rifle River Near Sterling	MI	26	N*	44.07249	84.0200	320	04080101	649.48

Table 1. Description of sites for which isotope data are presented in this report (cont.)

Station Code	Station Name	State	Dist	N	Decimal Latitude	Decimal Longitude	Drainage in sq mi	HUC	Altitude in ft above sea level
04159010	Pigeon River Near Caseville	MI	26	N	43.93943	83.2417	125	04080103	
04198000	Sandusky River Near Fremont	OH	39	N*	41.30777	83.1589	1251	04100011	626.30
04212200	Grand River At Painesville	OH	39	N	41.73582	81.2664	701	04110004	
04213500	Cattaraugus Creek At Gowanda	NY	36	N	42.46388	78.9353	436	04120102	738.85
04217000	Tonawanda Creek At Batavia	NY	36	N	42.99749	78.1889	171	04120104	876.33
04219640	Niagara R (Lake Ontario) At Fort Niagara	NY	36	N	43.26111	79.0630	265000	04120104	
04232006	Genesee R (Charlotte Docks) At Rochester	NY	36	N	43.22388	77.6164	2457	04130003	
04249000	Oswego River At Lock 7 At Oswego	NY	36	N	43.45166	76.5056	5100	04140203	246.00
04250750	Sandy Creek Near Adams	NY	36	N	43.81332	76.0750	128	04140102	523.71
04260500	Black River At Watertown	NY	36	N	43.98555	75.9250	1874	04150101	373.88
04263000	Oswegatchie River Near Heuvelton	NY	36	N	44.59943	75.3792	965	04150302	288.85
04264331	St Lawrence R At Cornwall, Ont, Nr Massena	NY	36	N	45.00610	74.7953	298800	04150301	
04268000	Raquette River At Raymondville	NY	36	N	44.83888	74.9792	1125	04150305	183.33
04269000	St Regis River At Brasher Center	NY	36	N*	44.86361	74.7792	612	04150306	217.23
04295000	Richelieu R (L Champlain) At Rouses Point	NY	36	N	44.99610	73.3603	8277	02010006	
04296000	Black River At Coventry	VT	25	N	44.86888	72.2705	122	01110000	725.00
05020500	St Mary River At International Boundary	MT	30	N*	49.00333	113.3133	469	10010002	4120.00
05059000	Sheyenne River Near Kindred	ND	38	N	46.62638	97.0014	8800	09020204	925.55
05064500	Red River Of The North At Halstad	MN	38	N	47.35000	96.8500	21800	09020107	826.65
05064900	Beaver Creek Near Finley	ND	38	B*	47.59444	97.7050	160	09020109	1170.08
05079000	Red Lake River At Crookston	MN	27	N	47.77555	96.6091	5280	09020303	832.72
05102500	Red River At Emerson, Manitoba	ND	38	N	49.00833	97.2111	40200	09020311	700.00
05112000	Roseau R Below State Ditch 51 Near Caribou	MN	27	N*	48.98166	96.4628	1570	09020314	1002.14
05124000	Souris River Near Westhope	ND	38	N	48.99638	100.9580	16900	09010003	1402.52
05124480	Kawishiwi River Near Ely	MN	27	B*	47.92277	91.5350	253	09030001	1450.00
05267000	Mississippi River Near Royalton	MN	27	N	45.86111	94.3583	11600	07010104	
05330000	Minnesota River Near Jordan	MN	27	N	44.69305	93.6417	16200	07020012	690.00
05376000	North Fork Whitewater River Near Elba	MN	27	B*	44.09166	92.0658	101	07040003	769.60
05378500	Mississippi River At Winona	MN	27	N	44.05555	91.6375	59200	07040003	639.64
05382000	Black River Near Galesville	WI	55	N	44.07277	91.2947	2080	07040007	658.43
05474000	Skunk River At Augusta	IA	19	N*	40.75361	91.2778	4303	07080107	521.24
05508000	Salt River Near New London	MO	29	N	39.61221	91.4083	2480	07110007	477.03
05543500	Illinois River At Marseilles	IL	17	N	41.32777	88.7194	8259	07120005	462.91
05599500	Big Muddy River At Murphysboro	IL	17	N	37.74860	89.3458	2169	07140106	335.50
06054500	Missouri River At Toston	MT	30	N	46.14610	111.4197	14669	10030101	3905.68
06130500	Musselshell River At Mosby	MT	30	N	46.99471	107.8883	7846	10040205	2493.38
06169500	Rock Cr Below Horse Cr, Near Int Boundary	MT	30	B*	48.96944	106.8389	328	10050015	2530.00
06174500	Milk River At Nashua	MT	30	N	48.12971	106.3639	22332	10050012	2027.75
06185500	Missouri River Near Culbertson	MT	30	N	48.12222	104.4753	91557	10060005	1883.40
06192500	Yellowstone River Near Livingston	MT	30	N*	45.59721	110.5653	3551	10070002	4542.49
06228000	Wind River At Riverton	WY	56	N	43.01060	108.3756	2309	10080001	4901.56
06259000	Wind River Below Boysen Reservoir	WY	56	N	43.42500	108.1783	7701	10080005	4608.58
06294700	Bighorn River At Bighorn	MT	30	N	46.14722	107.4667	22885	10080015	2690.00
06308500	Tongue River At Miles City	MT	30	N	46.34554	105.8028	5379	10090102	2375.00
06329500	Yellowstone River Near Sidney	MT	30	N	47.67833	104.1561	69103	10100004	1881.30
06332515	Bear Den Creek Near Mandaree	ND	38	B*	47.78722	102.7681	74	10110101	1947.58
06337000	Little Missouri River Near Watford City	ND	38	N*	47.59027	103.2514	8310	10110205	1929.03
06338490	Missouri River At Garrison Dam	ND	38	N	47.50222	101.4305	181400	10130101	
06340500	Knife River At Hazen	ND	38	N*	47.28500	101.6239	2240	10130201	1712.35
06349000	Heart River Near Mandan	ND	38	N	46.83665	100.9742	3310	10130203	1638.70
06354000	Cannonball River At Breien	ND	38	N*	46.37582	100.9341	4100	10130206	1676.54
06357800	Grand River At Little Eagle	SD	46	N	45.50777	100.8178	5370	10130303	1628.63
06360500	Moreau River Near Whitehorse	SD	46	N	45.25583	100.8425	4880	10130306	1661.48
06409000	Castle Cr Above Deerfield Res Nr Hill City	SD	46	B*	44.01361	103.8300	83	10120110	5910.00
06438000	Belle Fourche River Near Elm Springs	SD	46	N	44.36971	102.5655	7210	10120202	2171.60
06439300	Cheyenne River At Cherry Creek	SD	46	N	44.60278	101.4900	23900	10120112	1699.29
06440000	Missouri River At Pierre	SD	46	N	44.37360	100.3722	243500	10140102	1414.26

Table 1. Description of sites for which isotope data are presented in this report (cont.)

Station Code	Station Name	State	Dist	N	Decimal Latitude	Decimal Longitude	Drainage in sq mi	HUC	Altitude in ft above sea level
06452000	White River Near Oacoma	SD	46	N*	43.74833	99.5561	10200	10140204	1377.29
06453000	Missouri River At Fort Randall	SD	46	N	43.06499	98.5530	263500	10170101	
06465500	Niobrara River Near Verdel	NE	31	N	42.74027	98.2125	12600	10150007	1308.12
06471000	James River At Columbia	SD	46	N	45.60361	98.3100	7050	10160003	1275.01
06478500	James River Near Scotland	SD	46	N*	43.18582	97.6353	21550	10160011	1168.51
06485500	Big Sioux River At Akron	IA	46	N*	42.82833	96.5625	9030	10170203	1118.90
06486000	Missouri River At Sioux City	IA	19	N	42.48611	96.4130	314600	10230001	1056.98
06623800	Encampment R Abv Hog Park Cr Nr Encampment	WY	56	B*	41.02361	106.8242	73	10180002	8270.00
06630000	N Platte R Abv Seminole Res Near Sinclair	WY	56	N*	41.87220	107.0569	4175	10180002	6400.75
06642000	North Platte River At Alcova	WY	56	N	42.57417	106.6919	10812	10180007	5299.40
06686000	North Platte River At Lisco	NE	31	N	41.50000	102.6333	26700	10180009	3474.50
06710000	South Platte River At Littleton	CO	8	N	39.61888	105.0186	3069	10190002	5304.36
06764000	South Platte River At Julesburg	CO	8	N	40.97943	102.2542	23138	10190018	3446.76
06775900	Dismal River Near Thedford	NE	31	B*	41.77916	100.5250	960	10210002	2800.13
06800500	Elkhorn River At Waterloo	NE	31	N*	41.29028	96.2847	6900	10220003	1104.73
06805500	Platte River At Louisville	NE	31	N	41.01527	96.1578	85800	10200202	1007.10
06810000	Nishnabotna River Above Hamburg	IA	19	N*	40.63249	95.6255	2806	10240004	894.17
06818000	Missouri River At St. Joseph	MO	29	N	39.75333	94.8578	420300	10240011	788.19
06821190	Platte River At Sharps Station	MO	29	N	39.40083	94.7267	2380	10240012	753.54
06856600	Republican River At Clay Center	KS	20	N	39.35555	97.1261	24542	10250017	1159.21
06879650	Kings Creek Near Manhattan	KS	20	B*	39.10194	96.5950	4	10270101	
06897950	Elk Creek Near Decatur City	IA	19	B*	40.72166	93.9386	53	10280102	934.70
06902000	Grand River Near Sumner	MO	29	N	39.64027	93.2736	6880	10280103	631.18
06905500	Chariton River Near Prairie Hill	MO	29	N	39.54028	92.7897	1870	10280202	632.05
06908800	Lamine River Near Blackwater	MO	29	N	38.94638	92.9480	2610	10300103	
06918080	Osage River Near Schell City	MO	29	N	38.04888	94.1216	5530	10290105	700.00
06926510	Osage River Below St. Thomas	MO	29	N	38.42166	92.2086	14500	10290111	
06930800	Gasconade River Above Jerome	MO	29	N	37.91999	91.9758	2570	10290203	
07022000	Mississippi River At Thebes	MO	29	N	37.21666	89.4639	713200	07140105	0.00
07026000	Obion River At Obion	TN	47	N	36.25111	89.1925	1852	08010202	246.48
07047800	St. Francis River At Parkin	AR	5	N	35.27305	90.5591		08020203	175.30
07060710	North Sylamore Creek Near Fifty Six	AR	5	B*	35.99166	92.2139	58	11010004	434.99
07074500	White River At Newport	AR	5	N	35.60500	91.2886	19860	11010013	194.09
07083000	Halfmoon Creek Near Malta	CO	8	B*	39.17222	106.3886	24	11020001	9830.00
07097000	Arkansas River At Portland	CO	8	N	38.38833	105.0155	4024	11020002	5021.59
07137500	Arkansas River Near Coolidge	KS	20	N	38.02610	102.0114	25410	11030001	3330.84
07157950	Cimarron River Near Buffalo	OK	40	N	36.85194	99.3150	12004	11050001	1599.67
07161000	Cimarron River At Perkins	OK	40	N*	35.95889	97.0303	17852	11050003	819.88
07183500	Neosho River Near Parsons	KS	20	N	37.31082	95.1103	4905	11070205	810.25
07221500	Canadian River Near Sanchez	NM	35	N	35.65220	104.3775	6015	11080003	4495.00
07227140	Canadian River Above NM-TX State Line	NM	35	N	35.38999	103.0433		11080006	
07228000	Canadian River Near Canadian	TX	48	N	35.93499	100.3703	22866	11090106	2301.50
07243500	Deep Fork Near Beggs	OK	40	N	35.67083	96.0689	2018	11100303	632.55
07250550	Arkansas R At Dam No. 13, Near Van Buren	AR	5	N	35.34888	94.2983	150547	11110201	0.00
07265450	Mississippi Riv Near Arkansas City	AR	5	N*	33.55750	91.2375	1130600	08030100	96.66
07287120	Yazoo River Near Shell Bluff	MS	28	N	33.39666	90.2719	7650	08030206	92.07
07290000	Big Black River Nr Bovina	MS	28	N*	33.52138	90.1841	7450	08030206	92.07
07292500	Homochitto River At Rosetta	MS	28	N	31.32500	91.1066	750	08060205	94.39
07297910	Pdtd Red River Near Wayside	TX	48	N	34.83749	101.4136	4211	11120103	2463.74
07311200	Blue Beaver Creek Near Cache	OK	40	B*	34.62332	98.5633	25	11130203	1215.26
07331000	Washita River Near Dickson	OK	40	N	34.23416	96.9755	7202	11130303	650.57
07335700	Kiamichi River Near Big Cedar	OK	40	B*	34.63833	94.6125	40	11140105	886.97
07337000	Red River At Index	AR	5	N	33.55193	94.0411	48030	11140106	246.87
07341301	Little River At Millwood Dam Near Ashdown	AR	5	N	33.69110	93.9647	4119	11140109	0.00
07344275	Sulphur River South Of Texarkana	AR	5	N	33.24222	93.9994	3540	11140302	
07348000	Twelvemile Bayou Near Dixie	LA	22	N*	32.64583	93.8778	3137	11140304	136.12
07355500	Red River At Alexandria	LA	22	N	31.31277	92.4427	67500	08040401	44.26

Table 1. Description of sites for which isotope data are presented in this report (cont.)

Station Code	Station Name	State	Dist	N	Decimal Latitude	Decimal Longitude	Drainage in sq mi	HUC	Altitude in ft above sea level
07362000	Ouachita River At Camden	AR	5	N	33.59638	92.8181	5357	08040102	71.69
07369500	Tensas River At Tendal	LA	22	N*	32.43194	91.3667	309	08050003	50.07
07373000	Big Creek At Pollock	LA	22	B*	31.53611	92.4083	51	08040304	76.69
07375050	Tchefuncta River Near Covington	LA	22	N	30.49444	90.1694	145	08090201	9.39
08015500	Calcasieu River Near Kinder	LA	22	N*	30.50278	92.9153	1700	08080203	11.95
08041000	Neches River At Evadale	TX	48	N*	30.35555	94.0930	7951	12020003	8.25
08062700	Trinity River At Trinidad	TX	48	N	32.13472	96.1055	8538	12030105	239.21
08068000	West Fork San Jacinto River Near Conroe	TX	48	N	30.24444	95.4569	828	12040101	95.03
08082000	Salt Fork Brazos River Near Aspermont	TX	48	N*	33.33388	100.2378	5130	12050007	1588.70
08088000	Brazos River Near South Bend	TX	48	N*	33.02416	98.6436	22673	12060201	1002.98
08103900	South Fork Rocky Creek Near Briggs	TX	48	B*	30.91138	98.0367	33	12070203	955.80
08117500	San Bernard River Near Boling	TX	48	N	29.31305	95.8933	727	12090401	30.81
08123850	Colorado River Above Silver	TX	48	N	32.05193	100.7655	14924	12080008	1907.66
08210000	Nueces River Near Three Rivers	TX	48	N*	28.43611	98.1850	15600	12110111	101.13
08251500	Rio Grande Near Lobatos	CO	8	N	37.07833	105.7561	7700	13010002	7427.63
08313000	Rio Grande At Otowi Bridge	NM	35	N	35.87471	106.1417	14300	13020101	5488.48
08358300	Rio Grande Conveyance Chan At San Marcial	NM	35	N	33.68526	106.9944		13020203	4454.00
08358400	Rio Grande Floodway At San Marcial	NM	35	N	33.68055	106.9917	27700	13020203	4455.19
08364000	Rio Grande At El Paso	NM	35	N	31.80278	106.5403	29267	13030102	3722.30
08370500	Rio Grande At Fort Quitman	TX	35	N	31.08472	105.6069	31944	13040201	3450.57
08377900	Rio Mora Near Terrero	NM	35	B*	35.77721	105.6575	53	13060001	7890.00
08382650	Pecos River Above Santa Rosa Lake	NM	35	N	35.05970	104.7614	2340	13060001	4760.00
08407500	Pecos River At Red Bluff	NM	35	N	32.07500	104.0392	19540	13060011	2850.05
08431700	Limpia Creek Above Ft. Davis	TX	48	B*	30.61333	104.0011	52	13070005	5175.00
08447410	Pecos River Near Langtry	TX	48	N	29.80278	101.4458	35179	13040212	1133.08
08449400	Devils R At Pafford Crossing Near Comstock	TX	48	N	29.67638	101.0000	3961	13040302	1131.88
08475000	Rio Grande Near Brownsville	TX	48	N	25.87638	97.4542	176333	13090002	
08477110	Mimbres River At Mimbres	NM	35	N	32.85471	107.9730	184	13030202	
08481500	Rio Tularosa Near Bent	NM	35	N	33.14471	105.8972	120	13050003	5450.00
09152500	Gunnison River Near Grand Junction	CO	8	N	38.98333	108.4500	7928	14020005	4628.12
09163500	Colorado R Near Colorado-Utah State Line	CO	8	N	39.12916	109.0267	17843	14010005	4325.00
09180000	Dolores River Near Cisco	UT	49	N	38.79722	109.1944	4580	14030004	4165.00
09180500	Colorado River Near Cisco	UT	49	N*	38.81055	109.2928	24100	14030005	4090.00
09209400	Green River Near La Barge	WY	56	N	42.19280	110.1625	3910	14040101	6520.00
09217000	Green River Near Green River	WY	56	N	41.51639	109.4483	14000	14040106	6060.00
09234500	Green River Near Greendale	UT	49	N	40.90833	109.4222	15090	14040106	5594.48
09251000	Yampa River Near Maybell	CO	8	N*	40.50278	108.0292	3410	14050002	5900.23
09260000	Little Snake River Near Lily	CO	8	N	40.54722	108.4236	3730	14050003	5685.00
09306900	White River At Mouth Near Ouray	UT	49	N	40.06499	109.6350	5120	14050007	4655.00
09315000	Green River At Green River	UT	49	N*	38.98611	110.1505	40590	14060008	4040.18
09352900	Vallecito Creek Near Bayfield	CO	8	B*	37.47749	107.5430	72	14080101	7906.08
09364500	Animas River At Farmington	NM	35	N*	36.71999	108.2022	1360	14080104	5280.00
09368000	San Juan River At Shiprock	NM	35	N	36.79222	108.7317	12900	14080105	4848.68
09379500	San Juan River Near Bluff	UT	49	N*	37.14694	109.8642	23000	14080205	4048.00
09380000	Colorado River At Lees Ferry	AZ	4	N	36.86472	111.5875	111800	14070006	3106.16
09401200	Little Colorado River At Cameron	AZ	4	N	35.87777	111.4111	24000	15020016	
09415000	Virgin River At Littlefield	AZ	32	N*	36.89170	113.9236	5090	15010010	1221.00
09415230	Virgin R Above Halfway Wash Near Riverside	NV	32	N	36.67444	114.2983	5980	15010010	1320.00
09419515	Muddy River Above Lake Mead Near Overton	NV	32	N	36.52249	114.4136	8310	15010005	1200.00
09426600	Bill Williams River Near Planet	AZ	4	N	34.26194	114.0278	5140	15030204	
09430600	Mogollon Creek Near Cliff	NM	35	B*	33.16666	108.6492	69	15040001	5440.00
09431500	Gila River Near Redrock	NM	35	N*	32.72694	108.6750	2829	15040002	4090.00
09466500	Gila River At Calva	AZ	4	N	33.18555	110.2194	11470	15040005	2517.29
09473100	San Pedro R Below Aravaipa Cr Near Mammoth	AZ	4	N	32.85083	110.7242	4360	15050203	2125.00
09498500	Salt River Near Roosevelt	AZ	4	N*	33.61940	110.9208	4306	15060103	2177.14
09502000	Salt River Below Stewart Mountain Dam	AZ	4	N	33.55277	111.5758	6232	15060106	1370.00
09508300	Wet Bottom Creek Near Childs	AZ	4	B*	34.16082	111.6922	36	15060203	2320.00

Table 1. Description of sites for which isotope data are presented in this report (cont.)

Station Code	Station Name	State	Dist	N	Decimal Latitude	Decimal Longitude	Drainage in sq mi	HUC	Altitude in ft above sea level
09508500	Verde R Below Tangle Cr Abv Horseshoe Dam	AZ	4	N*	34.07310	111.7156	5872	15060203	2029.00
09510000	Verde River Below Bartlett Dam	AZ	4	N	33.80833	111.6525	6188	15060203	1572.34
09520500	Gila River Near Dome	AZ	4	N	32.76083	114.4197	57850	15070201	139.18
09535300	Vamori Wash At Kom Vo	AZ	4	N	31.95111	112.3472	1250	15080101	1770.00
10039500	Bear River At Border	WY	49	N	42.21111	111.0530	2486	16010102	6051.63
10126000	Bear River Near Corinne	UT	49	N	41.57639	112.1000	7029	16010204	4204.60
10141000	Weber River Near Plain City	UT	49	N	41.27833	112.0911	2060	16020102	4207.10
10171000	Jordan River At 1700 S At Salt Lake City	UT	49	N	40.73360	111.9225	3420	16020204	4220.73
10172200	Red Butte Cr At Ft Douglas Nr Salt Lake C	UT	49	B*	40.77999	111.8053	7	16020204	5400.00
10224000	Sevier River Near Lynndyl	UT	49	N	39.48193	112.3931	5966	16030005	4660.00
10237000	Beaver Riv At Adamsville	UT	49	N	38.25361	112.7655	303	16030007	5550.00
10244950	Steptoe Creek Near Ely	NV	32	B	39.20139	114.6875	11	16060008	7440.00
10249300	South Twin River Near Round Mountain	NV	32	B*	38.88750	117.2444	20	16060004	6400.00
10254670	Alamo River At Drop 3 Near Calipatria	CA	6	N	33.10444	115.5439		18100200	1.00
10254970	New River At Internat Bdy Calexico	CA	6	N	32.66582	115.5022		18100200	
10277400	Owens River Below Tinemaha Re Nr Big Pine	CA	6	N	37.05416	118.2258	1964	18090102	3860.00
10301500	Walker River Near Wabuska	NV	32	N*	39.15277	119.0972	2600	16050303	4280.00
10312000	Carson River Near Fort Churchill	NV	32	N*	39.29166	119.3111	1302	16050202	4214.70
10321000	Humboldt River Near Carlin	NV	32	N	40.72777	116.0083	4310	16040101	4931.91
10335000	Humboldt River Near Rye Patch	NV	32	N	40.46666	118.3055	16100	16040108	4068.53
10343500	Sagehen Creek Near Truckee	CA	6	B*	39.43166	120.2369	11	16050102	6320.00
10351700	Truckee River Near Nixon	NV	32	N	39.77777	119.3361	1827	16050103	3940.00
10353500	Quinn River Near Mc Dermitt	NV	32	N*	41.77499	117.8042	1100	16040201	4240.00
10356500	Susan River At Susanville	CA	6	N	40.41750	120.6708	184	18080003	4225.72
11042000	San Luis Rey River At Oceanside	CA	6	N	33.21333	117.3758	558	18070303	20.00
11074000	Santa Ana River Below Prado Dam	CA	6	N	33.88333	117.6444	1490	18070203	449.00
11103000	Los Angeles River At Long Beach	CA	6	N	33.81721	118.2056	827	18070105	11.91
11108500	Santa Clara R At Los Angeles-Ventura Co Li	CA	6	N	34.39972	118.7039	625	18070102	794.93
11152300	Salinas River Near Chualar	CA	6	N	36.55388	121.5480	4042	18060005	68.00
11159000	Pajaro River At Chittenden	CA	6	N	36.90027	121.5966	1186	18060002	82.28
11187000	Kern River At Kernville	CA	6	N*	35.75444	118.4225	1009	18030001	2621.57
11218500	Kings River Below Nf Near Trimmer	CA	6	N	36.87471	119.1408	1342	18030010	942.42
11264500	Merced R At Happy Isles Bridge Nr Yosemite	CA	6	B*	37.73166	119.5578	181	18040008	4016.58
11303500	San Joaquin River Near Vernalis	CA	6	N	37.67610	121.2642	13536	18040003	0.00
11325500	Mokelumne River At Woodbridge	CA	6	N	38.15860	121.3025	661	18040005	14.90
11370500	Sacramento River At Keswick	CA	6	N	40.60110	122.4433	6468	18020101	479.81
11447650	Sacramento River At Freeport	CA	6	N	38.45416	121.4983		18020109	
11458000	Napa River Near Napa	CA	6	N	38.36832	122.3022	218	18050002	24.74
11467000	Russian River Near Guerneville	CA	6	N	38.50861	122.9267	1338	18010110	20.14
11475560	Elder Creek Near Branscomb	CA	6	B*	39.72971	123.6428	7	18010106	1391.08
11477000	Eel River At Scotia	CA	6	N*	40.49166	124.0986	3113	18010105	35.50
11492200	Crater Lake Near Crater Lake	OR	41	B	42.97916	122.0792	26	18010201	0.00
11530500	Klamath River Near Klamath	CA	6	N	41.51444	123.9991	12100	18010209	
11532500	Smith River Near Crescent City	CA	6	N*	41.78944	124.0539	609	18010101	89.61
12013500	Willapa River Near Willapa	WA	53	N*	46.64999	123.6528	130	17100106	3.57
12031000	Chehalis River At Porter	WA	53	N	46.93804	123.3125	1294	17100103	23.64
12039300	North Fork Quinalt River Near Amanda Park	WA	53	B	47.59610	123.6230	74	17100102	620.00
12040500	Queets River Near Clearwater	WA	53	N*	47.53889	124.3139	445	17100102	14.50
12045500	Elwha River At McDonald Br Nr Prt Angeles	WA	53	N	48.05499	123.5819	269	17110020	200.00
12101500	Puyallup River At Puyallup	WA	53	N	47.21444	122.3403	948	17110014	
12150800	Snohomish River Near Monroe	WA	53	N	47.83111	122.0472	1537	17110011	13.25
12200500	Skagit River Near Mount Vernon	WA	53	N	48.51250	122.3403	3093	17110007	0.00
12322000	Kootenai River At Porthill	ID	16	N*	49.00000	116.5028	13700	17010104	1700.00
12353000	Clark Fork Below Missoula	MT	30	N	46.86916	114.1258	9003	17010204	3083.88
12355000	Flathead River At Flathead, BC	MT	30	N*	49.00111	114.4764	427	17010206	3968.16
12363000	Flathead River At Columbia Falls	MT	30	N	48.36194	114.1839	4464	17010208	2977.67
12398600	Pend Oreille River At Internatnl Boundary	WA	53	N	48.99888	117.3525	25200	17010216	1700.00

Table 1. Description of sites for which isotope data are presented in this report (cont.)

Station Code	Station Name	State	Dist	N	Decimal Latitude	Decimal Longitude	Drainage in sq mi	HUC	Altitude in ft above sea level
12400520	Columbia River At Northport	WA	53	N	48.92249	117.7755	60200	17020001	
12413500	Couder D'Alene River At Cataldo	ID	16	N*	47.55470	116.3231	1223	17010303	2100.00
12416000	Hayden Cr Below North Fork, Nr Hayden Lake	ID	16	B*	47.82277	116.6528	22	17010305	2370.00
12433000	Spokane River At Long Lake	WA	53	N	47.83833	117.8514	6020	17010307	1299.00
12447200	Okanogan River At Malott	WA	53	N*	48.28055	119.7030	8080	17020006	790.00
12447390	Andrews Creek Near Mazama	WA	53	B*	48.82444	120.1472	22	17020008	4300.00
12472900	Columbia R At Vernita Br Nr Priest Rpd Dm	WA	53	N	46.63999	119.7317	96000	17020016	
12473520	Columbia River At Richland	WA	53	N	46.31278	119.2578	96900	17020016	
12500450	Yakima River Abv Ahtanum Cr At Union Gap	WA	53	N	46.53444	120.4661	3479	17030003	900.00
12510500	Yakima River At Kiona	WA	53	N	46.25361	119.4769	5615	17030003	454.41
13018300	Cache Creek Near Jackson	WY	16	B*	43.45222	110.7033	11	17040103	6750.00
13037500	Snake River Near Heise	ID	16	N	43.61250	111.6591	5752	17040104	5015.30
13154500	Snake River At King Hill	ID	16	N	43.00222	115.2017	35800	17040212	2492.30
13169500	Big Jacks Creek Near Bruneau	ID	16	B*	42.78500	115.9833	253	17050102	2810.00
13213000	Boise River Near Parma	ID	16	N	43.78166	116.9714	3970	17050114	2196.00
13269000	Snake River At Weiser	ID	16	N	44.24554	116.9800	69200	17050124	2086.64
13317000	Salmon River At Whitebird	ID	16	N*	45.75027	116.3230	13550	17060209	1412.65
13331500	Minam River At Minam	OR	41	B*	45.61999	117.7255	240	17060105	2540.48
13342500	Clearwater River At Spalding	ID	16	N*	46.44860	116.8264	9570	17060306	770.50
13353200	Snake River At Burbank	WA	53	N	46.21638	119.0228	108800	17060110	
14048000	John Day River At McDonald Ferry	OR	41	N*	45.58777	120.4083	7580	17070204	392.27
14103000	Deschutes River At Moody, Near Biggs	OR	41	N	45.62222	120.9014	10500	17070306	167.54
14113000	Klickitat River Near Pitt	WA	53	N*	45.75666	121.2089	1297	17070106	288.90
14128910	Columbia River At Warrendale	OR	41	N	45.61250	122.0264	240400	17080001	0.00
14207500	Tualatin River At West Linn	OR	41	N	45.35083	122.6750	706	17090010	85.61
14211720	Willamette River At Portland	OR	41	N	45.51749	122.6675	11100	17090012	1.55
14220500	Lewis River At Ariel	WA	41	N	45.95193	122.5628	731	17080002	44.00
14244200	Cowlitz River At Kelso	WA	41	N	46.14555	122.9130	2349	17080005	
14301000	Nehalem River Near Foss	OR	41	N*	45.70416	123.7542	667	17100202	32.60
14306500	Alsea River Near Tidewater	OR	41	N*	44.38611	123.8306	334	17100205	48.16
14307620	Siuslaw River Near Mapleton	OR	41	N*	44.06249	123.8819	588	17100206	41.00
14312260	South Umpqua River Near Roseburg	OR	41	N	43.22220	123.4125	1798	17100302	
14321000	Umpqua River Near Elkton	OR	41	N*	43.58611	123.5542	3683	17100303	90.42
14372300	Rogue River Near Agness	OR	41	N	42.58055	124.0583	3939	17100310	113.81
15024800	Stikine River Near Wrangell	AK	2	N*	56.70193	132.1411	19920	19060000	25.00
15056100	Skagway River At Skagway	AK	2	N	59.46693	135.3008	145	19060000	20.00
15212000	Copper River Near Chitina	AK	2	N*	61.46555	144.4558	20600	19050003	400.00
15292700	Talkeetna River Near Talkeetna	AK	2	B*	62.34694	150.0169	2006	19050002	400.00
15294350	Susitna River At Susitna Station	AK	2	N*	61.54472	150.5125	19400	19050002	
15302500	Nushagak River At Ekwok	AK	2	N*	59.34916	157.4730	9850	19040002	
15304000	Kuskokwim River At Crooked Creek	AK	2	N*	61.87110	158.1008	31100	19040001	200.00
15515500	Tanana River At Nenana	AK	2	N*	64.56526	149.0916	25600	19030004	338.50
15565447	Yukon River At Pilot Station	AK	2	N*	61.93443	162.8805	321000	19030006	
15896000	Kuparuk River Near Deadhorse	AK	2	N*	70.28166	148.9597	3130	19010001	
16031000	Waimea River Near Waimea, Kauai	HI	15	N	21.98388	159.6630	58	20070000	19.70
16213000	Waialeale Stream At Waipahu, Oahu	HI	15	N	21.38638	158.0136	46	20060000	1.37
16229300	Kalihi Stream At Kalihi, Oahu	HI	15	N	21.34138	157.8766	5	20060000	70.00
16400000	Halawa Stream Near Halawa, Molokai	HI	15	N*	21.15861	156.7647	5	20050000	210.00
16618000	Kahakuloa Stream Near Honokohau, Maui	HI	15	N*	20.98166	156.5572	3	20020000	330.00
16713000	Wailuku River At Hilo, Hawaii	HI	15	N	19.72861	155.0944	256	20010000	80.00
16717000	Honolii Stream Near Papaikou, Hawaii	HI	15	B	19.76667	155.1544	12	20010000	1540.00
50092000	Rio Grande De Patillas Near Patillas	PR	72	N*	18.03444	66.0328	18	21010004	
50144000	Rio Grande De Anasco Near San Sebastian	PR	72	N*	18.28472	67.0514	94	21010003	

Table 2. Slope and intercepts of hydrogen versus oxygen isotope ratios of selected sites

State	Station Number	Slope	Intercept
AK	15024800	7.27	-5.80
AK	15056100	5.17	-41.99
AK	15212000	6.78	-20.25
AK	15292700	7.87	3.66
AK	15294350	8.29	11.27
AK	15302500	4.50	-45.65
AK	15304000	6.94	-12.08
AK	15515500	5.66	-44.45
AK	15565447	7.96	3.30
AK	15896000	7.12	-14.98
AL	02343801	5.14	-1.15
AL	02369800	7.99	11.54
AL	02420000	5.24	-1.64
AL	02429500	6.03	1.24
AL	02449000	4.69	-4.51
AL	02450250	4.61	-4.48
AL	02466031	5.13	-2.59
AL	02469762	5.17	-2.38
AR	07047800	5.99	-0.27
AR	07060710	4.80	-6.66
AR	07074500	5.49	-3.66
AR	07250550	6.59	0.81
AR	07265450	5.88	-5.47
AR	07337000	6.85	2.36
AR	07341301	4.31	-4.71
AR	07344275	5.37	-1.54
AR	07362000	2.97	-10.64
AZ	09380000	5.99	-25.02
AZ	09401200	6.25	-11.51
AZ	09415000	5.08	-29.55
AZ	09426600	4.93	-22.46
AZ	09466500	5.10	-20.97
AZ	09498500	4.67	-24.16
AZ	09502000	5.06	-20.89
AZ	09508300	7.00	-2.31
AZ	09508500	5.86	-14.58
AZ	09510000	6.03	-13.97
AZ	09520500	7.89	-2.36
AZ	09535300	7.80	9.49
CA	10254670	6.24	-22.94
CA	10254970	4.44	-45.13
CA	10277400	5.36	-34.54
CA	10343500	6.82	-6.86
CA	10356500	5.06	-32.11
CA	11042000	2.81	-25.94
CA	11074000	5.20	-13.95
CA	11103000	9.06	12.50
CA	11108500	6.07	-8.10
CA	11152300	6.18	-4.52
CA	11159000	3.65	-16.86
CA	11187000	7.24	-1.38
CA	11218500	7.65	3.74
CA	11264500	5.91	-18.52
CA	11303500	5.75	-18.34
CA	11325500	4.86	-25.29
CA	11370500	8.26	12.64
CA	11447650	8.00	8.23
CA	11458000	4.26	-13.28
CA	11467000	5.96	-5.13
CA	11475560	4.96	-10.69
CA	11477000	5.27	-11.30
CA	11530500	6.17	-12.09
CA	11532500	3.96	-22.99
CO	06710000	4.20	-47.93
CO	06764000	5.95	-24.89

Table 2. Slope and intercepts of hydrogen versus oxygen isotope ratios of selected sites (contd)

State	Station Number	Slope	Intercept
CO	07083000	7.81	7.64
CO	07097000	6.10	-21.53
CO	08251500	4.68	-37.42
CO	09152500	6.97	-7.45
CO	09163500	5.99	-23.93
CO	09251000	5.59	-31.87
CO	09260000	5.26	-39.05
CO	09352900	7.67	8.63
CT	01122610	6.30	-0.72
CT	01127000	5.67	-4.50
CT	01184000	6.95	2.39
CT	01205500	5.27	-9.15
DC	01646580	6.37	-1.16
FL	02236000	3.54	-0.63
FL	02256500	4.60	0.88
FL	02301500	5.44	0.72
FL	02327100	6.33	3.85
FL	02366500	7.57	7.29
FL	02376500	7.99	10.87
GA	02202500	5.58	0.52
GA	02212600	6.17	2.11
GA	02226160	4.52	-3.40
GA	02228000	4.92	-0.40
GA	02353000	5.63	0.94
HI	16031000	8.52	16.45
HI	16213000	9.45	16.52
HI	16229300	8.28	14.25
HI	16400000	5.78	9.90
HI	16618000	8.03	16.75
HI	16713000	6.45	9.65
HI	16717000	7.55	14.65
IA	05474000	6.96	2.66
IA	06485500	6.00	-9.43
IA	06486000	9.05	13.47
IA	06810000	6.62	0.02
IA	06897950	7.03	4.07
ID	12322000	9.02	26.08
ID	12413500	7.37	0.12
ID	12416000	7.46	2.11
ID	13037500	4.70	-49.71
ID	13154500	5.90	-30.63
ID	13169500	4.45	-53.66
ID	13213000	4.16	-56.63
ID	13269000	2.62	-83.01
ID	13317000	4.28	-57.75
ID	13342500	5.07	-36.40
IL	05543500	6.75	-2.61
IL	05599500	6.10	0.09
IN	03275000	6.38	1.94
IN	03276500	6.91	4.60
IN	03276700	5.89	-2.28
IN	03378500	5.89	-2.62
KS	06856600	5.81	-8.02
KS	06879650	5.20	-8.05
KS	07137500	5.46	-26.97
KS	07183500	7.17	4.23
KY	03215000	5.36	-7.28
KY	03254000	6.72	2.77
KY	03277200	5.90	-3.98
KY	03298500	5.72	-2.91
KY	03301630	6.05	-0.27
LA	07348000	2.43	-7.70
LA	07355500	4.06	-4.75
LA	07369500	5.13	-1.87
LA	07373000	3.54	-5.61

Table 2. Slope and intercepts of hydrogen versus oxygen isotope ratios of selected sites (contd)

State	Station Number	Slope	Intercept
LA	07375050	4.85	0.71
LA	08015500	3.55	-5.96
MA	01103500	5.59	-5.73
MD	01491000	7.47	8.30
MD	01578310	6.09	-4.51
MD	01594440	7.75	10.35
ME	01015000	6.63	-5.02
ME	01021050	5.79	-10.35
ME	01022500	5.22	-10.59
ME	01054200	7.30	8.17
ME	01059400	6.50	-3.22
MI	04001000	7.08	0.59
MI	04045500	7.15	2.64
MI	04045580	4.85	-24.92
MI	04101500	7.03	2.96
MI	04126520	7.22	4.18
MI	04142000	7.27	3.11
MI	04159010	7.15	2.85
MN	04014500	6.10	-11.08
MN	05064500	6.11	-15.64
MN	05079000	6.45	-13.20
MN	05112000	6.75	-8.08
MN	05124480	7.05	-9.45
MN	05267000	6.20	-13.18
MN	05330000	6.02	-10.91
MN	05376000	7.86	9.51
MN	05378500	7.60	3.17
MO	05508000	8.24	12.61
MO	06818000	8.76	10.42
MO	06821190	7.43	4.30
MO	06902000	6.93	3.52
MO	06905500	5.99	-4.63
MO	06908800	6.76	2.57
MO	06918080	7.31	4.53
MO	06926510	7.58	6.24
MO	06930800	4.56	-10.08
MO	07022000	5.95	-9.82
MS	02479155	6.52	5.08
MS	02479560	6.78	6.18
MS	02481510	6.99	6.37
MS	07287120	6.32	1.90
MS	07290000	7.36	5.90
MS	07292500	6.57	5.19
MT	05020500	8.06	7.49
MT	06054500	6.49	-22.75
MT	06130500	5.03	-48.85
MT	06169500	6.01	-37.45
MT	06174500	6.47	-27.46
MT	06185500	5.02	-48.14
MT	06192500	6.88	-14.38
MT	06294700	3.76	-69.17
MT	06308500	6.18	-28.25
MT	06329500	6.90	-15.51
MT	12353000	5.18	-42.05
MT	12355000	8.92	24.70
MT	12363000	5.11	-40.61
NC	02083500	6.56	3.89
NC	02091500	5.59	-1.05
NC	02116500	7.20	8.17
NC	02126000	5.60	-1.17
NC	02129000	5.64	-1.27
NC	03453500	6.30	3.09
ND	05059000	5.45	-29.52
ND	05064900	7.14	-8.41
ND	05102500	6.36	-14.43

Table 2. Slope and intercepts of hydrogen versus oxygen isotope ratios of selected sites (contd)

State	Station Number	Slope	Intercept
ND	05124000	5.94	-29.83
ND	06332515	6.60	-21.01
ND	06337000	6.64	-18.78
ND	06338490	3.95	-62.88
ND	06340500	7.39	-5.86
ND	06349000	6.77	-16.92
ND	06354000	6.37	-22.30
NE	06465500	6.91	-5.08
NE	06686000	5.91	-29.34
NE	06775900	8.72	14.70
NE	06800500	7.15	0.87
NE	06805500	7.94	3.96
NH	01154500	7.15	3.17
NJ	01389500	6.99	5.27
NJ	01403300	6.97	6.75
NJ	01411500	6.30	1.49
NJ	01466500	7.56	11.47
NM	07221500	6.00	-14.93
NM	07227140	5.46	-14.73
NM	08313000	7.05	-4.73
NM	08358300	6.63	-10.91
NM	08358400	4.66	-35.01
NM	08377900	9.22	26.58
NM	08382650	6.75	-5.09
NM	08407500	5.06	-15.81
NM	08477110	5.57	-13.88
NM	09364500	6.81	-6.28
NM	09368000	6.27	-13.75
NM	09430600	6.10	-8.01
NM	09431500	5.89	-12.95
NV	09415230	5.42	-26.06
NV	09419515	5.49	-27.57
NV	10244950	7.96	8.82
NV	10249300	5.26	-34.78
NV	10321000	4.26	-54.26
NV	10335000	4.57	-47.71
NV	10351700	2.68	-56.22
NV	10353500	7.29	-6.96
NY	01304000	1.16	-36.61
NY	01358000	6.54	-2.03
NY	01362198	6.39	-0.67
NY	04213500	6.78	1.18
NY	04217000	7.15	3.75
NY	04219640	4.29	-22.10
NY	04232006	5.69	-11.22
NY	04249000	6.20	-7.53
NY	04250750	6.42	-3.66
NY	04260500	6.84	0.32
NY	04263000	6.25	-7.26
NY	04264331	4.05	-24.09
NY	04268000	6.84	-2.22
NY	04295000	6.36	-7.10
OH	03159510	6.79	2.73
OH	03237280	6.71	3.86
OH	03274600	5.88	-3.96
OH	04198000	6.42	-0.66
OH	04212200	3.80	-25.12
OK	07157950	7.61	2.25
OK	07161000	6.60	-0.03
OK	07243500	5.71	-1.57
OK	07311200	7.43	7.78
OK	07331000	4.93	-4.01
OK	07335700	6.87	8.71
OR	11492200	2.83	-51.41
OR	13331500	6.84	-10.12

Table 2. Slope and intercepts of hydrogen versus oxygen isotope ratios of selected sites (contd)

State	Station Number	Slope	Intercept
OR	14048000	4.40	-47.22
OR	14103000	10.08	37.06
OR	14128910	9.07	24.26
OR	14207500	4.64	-21.46
OR	14211720	8.50	16.39
OR	14301000	4.48	-20.09
OR	14306500	4.18	-19.86
OR	14307620	4.30	-19.58
OR	14312260	3.59	-36.96
OR	14321000	8.96	21.15
OR	14372300	8.07	11.22
PA	01474500	5.85	-2.23
PA	01540500	7.06	3.85
PA	01545600	6.76	2.26
PA	01553500	6.70	2.34
PA	01567000	5.96	-4.84
PA	01570500	5.71	-7.33
PA	03049625	6.77	1.92
PA	03085000	6.39	-1.13
PA	03107500	5.94	-5.88
PR	50092000	5.34	5.81
PR	50144000	7.17	10.36
RI	01118500	5.48	-3.97
SC	02131000	5.87	0.37
SC	02132000	5.26	-1.62
SC	02135300	6.51	5.54
SC	02136000	8.07	10.61
SC	02170500	3.60	-8.10
SC	02175000	6.20	3.38
SC	02176500	4.78	-0.39
SC	02197300	6.67	6.81
SC	02198500	4.39	-4.16
SD	06357800	5.00	-37.54
SD	06360500	6.47	-18.90
SD	06409000	11.62	65.14
SD	06438000	6.75	-16.79
SD	06439300	7.40	-6.20
SD	06440000	7.43	-9.61
SD	06452000	6.91	-9.93
SD	06453000	7.32	-10.66
SD	06471000	5.53	-24.99
SD	06478500	5.94	-18.31
TN	03470500	7.17	7.33
TN	03535912	5.59	-3.68
TN	03543005	6.47	2.09
TN	03604000	5.84	0.12
TN	07026000	6.94	6.09
TX	07228000	5.03	-11.50
TX	07297910	6.43	-3.13
TX	08041000	6.04	0.93
TX	08062700	6.61	2.17
TX	08068000	7.94	10.30
TX	08082000	5.54	-6.21
TX	08088000	5.62	-5.05
TX	08103900	4.93	-3.50
TX	08117500	3.66	-0.37
TX	08123850	4.77	-7.56
TX	08210000	5.38	-2.08
TX	08370500	5.54	-24.14
TX	08431700	5.84	-1.70
TX	08447410	5.34	-7.17
TX	08449400	5.06	-5.03
TX	08475000	6.66	-2.87
UT	09180000	7.89	7.45
UT	09180500	4.56	-45.67

Table 2. Slope and intercepts of hydrogen versus oxygen isotope ratios of selected sites (contd)

State	Station Number	Slope	Intercept
UT	09234500	3.91	-60.59
UT	09306900	8.26	13.73
UT	09315000	5.93	-27.56
UT	09379500	5.29	-26.89
UT	10126000	5.06	-41.90
UT	10141000	6.07	-23.77
UT	10171000	5.72	-29.86
UT	10172200	6.73	-11.73
UT	10224000	4.95	-39.51
UT	10237000	5.10	-33.05
VA	02038850	6.24	2.23
VA	02049500	5.94	0.16
VA	02075500	6.45	2.84
VA	03176500	7.08	6.08
VT	04296000	6.46	-5.94
WA	12013500	4.87	-16.87
WA	12031000	5.74	-10.72
WA	12039300	5.34	-18.68
WA	12040500	7.21	3.67
WA	12045500	4.03	-38.76
WA	12101500	7.53	4.23
WA	12150800	4.80	-26.34
WA	12200500	6.75	-6.92
WA	12400520	3.96	-63.49
WA	12433000	2.35	-75.87
WA	12447200	4.23	-54.00
WA	12447390	9.47	32.72
WA	12472900	7.48	-1.86
WA	12473520	7.62	0.83
WA	12500450	5.63	-23.94
WA	12510500	6.84	-8.26
WA	13353200	4.58	-48.64
WA	14113000	4.65	-37.13
WA	14220500	4.60	-25.27
WA	14244200	8.93	21.01
WI	04024430	7.14	1.24
WI	04027595	7.36	2.55
WI	04063700	6.67	-4.01
WI	04067500	6.77	-3.16
WI	04087000	6.25	-5.63
WI	05382000	7.27	3.99
WV	01618000	6.32	-2.43
WV	01636500	5.43	-7.41
WV	03112510	6.17	-3.71
WV	03155000	6.08	-3.37
WV	03201300	5.81	-5.07
WV	03204000	6.27	-1.13
WY	06228000	6.75	-14.93
WY	06259000	4.97	-46.05
WY	06623800	6.48	-16.08
WY	06630000	5.49	-36.11
WY	06642000	3.50	-66.74
WY	09209400	7.46	-2.37
WY	09217000	5.96	-28.23
WY	10039500	5.74	-32.04
WY	13018300	4.67	-50.04

State: **Alabama**

Station Name: **Chattahoochee River At Andrews L&D Near Columbia**

Station Number **02343801**

Hydrologic Unit Code: 03130004

Drainage Area
(square miles): 8210

Latitude: 31° 15' 33"

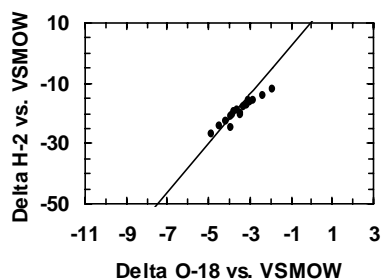
Datum (ft):

Longitude: 85° 06' 37"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/2/1986	-15.3	-2.86
2/26/1985	-20.1	-3.86
5/2/1985	-19.2	-3.75
7/11/1985	-17.8	-3.31
8/14/1985	-15.6	-3.05
10/9/1985	-15.9	-2.99
1/9/1986	-19.6	-3.43
1/15/1985	-18.6	-3.61
6/2/1986	-16.8	-3.16
9/1/1987	-20.2	-3.44
8/6/1986	-13.9	-2.37
10/23/1986	-12.0	-1.94
1/26/1987	-22.2	-4.14
3/26/1987	-26.6	-4.84
5/21/1987	-23.8	-4.47
7/22/1987	-24.3	-3.94
3/24/1986	-21.1	-3.90

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alabama**

Station Name: **Blackwater River Near Bradley**

Station Number **02369800**

Hydrologic Unit Code: 03140104

Drainage Area
(square miles): 87

Latitude: 31° 01' 39"

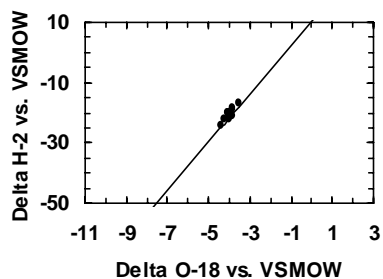
Datum (ft): 121.87

Longitude: 86° 42' 36"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/12/1987	-22.0	-4.25
4/15/1987	-21.1	-3.99
2/11/1987	-23.8	-4.37
10/28/1986	-18.6	-3.85
8/27/1986	-18.4	-3.83
4/9/1986	-21.0	-3.87
2/12/1986	-19.8	-3.98
10/23/1985	-21.6	-4.01
8/14/1985	-20.5	-4.03
4/17/1985	-19.7	-4.06
2/13/1985	-16.8	-3.55

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alabama**

Station Name: **Alabama River Near Montgomery**

Station Number **02420000**

Hydrologic Unit Code: 03150201

Drainage Area
(square miles): 15087

Latitude: 32° 24' 41"

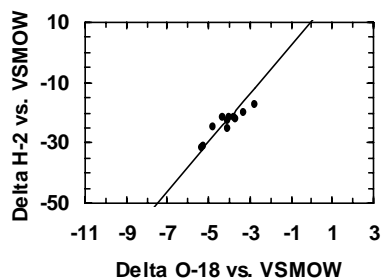
Datum (ft): 97.9

Longitude: 86° 24' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/10/1987	-24.9	-4.07
4/13/1987	-30.7	-5.22
2/9/1987	-31.6	-5.36
10/20/1986	-17.0	-2.75
8/25/1986	-20.0	-3.31
4/7/1986	-22.2	-4.10
2/10/1986	-21.1	-4.03
10/21/1985	-21.7	-3.70
8/12/1985	-21.5	-3.79
4/15/1985	-24.3	-4.74
2/11/1985	-21.1	-4.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alabama**

Station Name: **Alabama River At Claiborne**

Station Number **02429500**

Hydrologic Unit Code: 03150204

Drainage Area
(square miles): 21967

Latitude: 31° 32' 48"

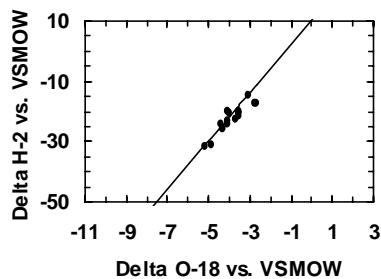
Datum (ft): 0.4

Longitude: 87° 30' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/11/1986	-19.5	-3.51
4/19/1985	-24.0	-4.42
6/12/1985	-23.0	-4.06
8/13/1985	-22.1	-3.70
10/24/1985	-20.2	-3.54
12/11/1985	-21.3	-3.50
2/15/1985	-19.6	-4.12
4/11/1986	-14.6	-3.08
8/14/1987	-23.7	-4.05
8/29/1986	-17.1	-2.78
10/24/1986	-17.1	-2.71
12/9/1986	-20.1	-3.50
2/13/1987	-31.3	-5.16
4/17/1987	-30.7	-4.88
6/16/1987	-25.4	-4.34
2/13/1986	-20.4	-4.01

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alabama**

Station Name: **Tombigbee River At Gainesville**

Station Number **02449000**

Hydrologic Unit Code: 03160106

Drainage Area
(square miles): 8632

Latitude: 32° 49' 30"

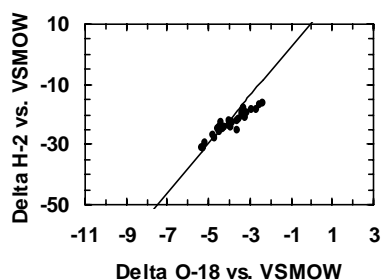
Datum (ft): 63.29

Longitude: 88° 09' 24"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/16/1986	-24.9	-3.65
3/19/1985	-26.4	-4.77
4/9/1985	-24.2	-4.34
5/14/1985	-24.5	-4.53
6/10/1985	-21.8	-4.03
8/7/1985	-21.3	-3.55
9/4/1985	-22.1	-3.60
10/18/1985	-23.4	-4.00
12/10/1985	-23.7	-4.23
1/23/1986	-27.8	-4.73
2/18/1986	-25.8	-4.45
3/4/1986	-24.1	-4.36
4/14/1986	-17.8	-3.32
2/6/1985	-22.4	-4.36
6/9/1986	-22.4	-3.88
8/18/1987	-16.5	-2.54
8/21/1986	-18.1	-2.68
9/10/1986	-16.2	-2.39
10/15/1986	-18.2	-2.89
11/19/1986	-19.1	-3.38
12/10/1986	-24.6	-4.42
1/13/1987	-31.1	-5.34
2/18/1987	-30.9	-5.27
3/20/1987	-29.4	-5.14
4/22/1987	-24.1	-4.45
5/13/1987	-24.1	-3.96
6/17/1987	-20.4	-3.35
7/15/1987	-20.9	-3.25
5/8/1986	-19.2	-3.12

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alabama**

Station Name: **Sipsey Fork Near Grayson**

Station Number **02450250**

Hydrologic Unit Code: 03160110

Drainage Area
(square miles): 92.1

Latitude: 34° 17' 07"

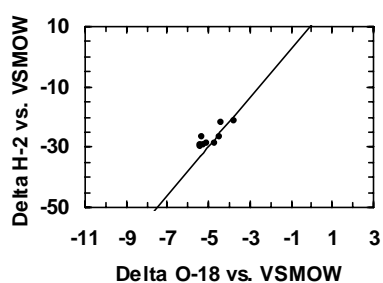
Datum (ft): 540

Longitude: 87° 23' 56"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/19/1987	-21.4	-3.75
4/23/1987	-29.7	-5.39
2/19/1987	-29.1	-5.42
10/29/1986	-21.6	-4.37
9/15/1986	-26.8	-4.43
4/16/1986	-28.8	-4.72
2/19/1986	-29.5	-5.27
7/31/1985	-28.6	-5.07
2/14/1985	-26.7	-5.34

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alabama**

Station Name: **Black Warrior River Below Warrior Dam Near Eutaw**

Station Number **02466031**

Hydrologic Unit Code: 03160113

Drainage Area
(square miles): 5810

Latitude: 32° 46' 38"

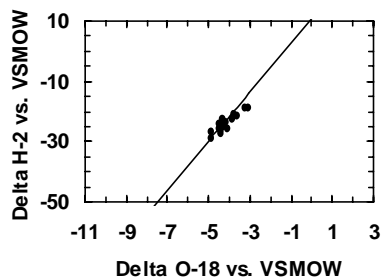
Datum (ft): 50

Longitude: 87° 50' 29"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/10/1986	-22.4	-3.85
4/10/1985	-24.2	-4.45
6/11/1985	-23.3	-4.32
8/8/1985	-26.0	-4.38
10/17/1985	-25.7	-4.08
12/9/1985	-25.1	-4.32
2/7/1985	-22.5	-4.32
4/15/1986	-23.7	-4.17
8/17/1987	-20.9	-3.73
8/22/1986	-18.9	-3.25
10/16/1986	-18.8	-3.03
12/8/1986	-21.5	-3.65
2/17/1987	-28.9	-4.89
4/20/1987	-26.8	-4.82
6/15/1987	-25.5	-4.44
2/14/1986	-27.0	-4.41

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alabama**

Station Name: **Tombigbee River Below Coffeeville Lock And Dam**

Station Number **02469762**

Hydrologic Unit Code: 03160203

Drainage Area
(square miles): 18417

Latitude: 31° 45' 25"

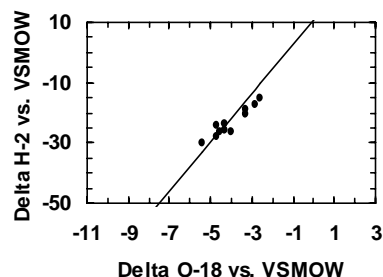
Datum (ft): 14

Longitude: 88° 07' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/13/1987	-18.9	-3.29
4/16/1987	-27.5	-4.70
2/12/1987	-29.9	-5.38
10/23/1986	-14.9	-2.61
8/28/1986	-16.9	-2.86
4/10/1986	-20.1	-3.32
2/11/1986	-26.3	-4.53
10/22/1985	-25.7	-4.33
8/15/1985	-26.3	-4.00
4/18/1985	-23.6	-4.32
2/14/1985	-24.0	-4.69

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alaska**

Station Name: **Stikine River Near Wrangell**

Station Number **15024800**

Hydrologic Unit Code: 19060000

Drainage Area
(square miles): 19920

Latitude: 56° 42' 29"

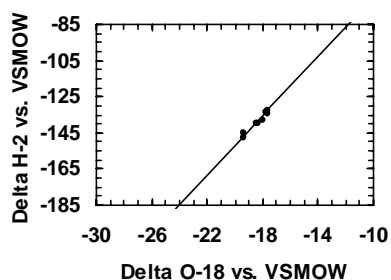
Datum (ft): 25

Longitude: 132° 07' 49"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
10/8/1987	-139.6	-18.33
6/9/1987	-148.1	-19.39
4/29/1986	-132.9	-17.58
10/10/1985	-134.2	-17.65
7/23/1985	-145.0	-19.37
5/15/1985	-138.0	-18.00
3/12/1985	-134.0	-17.70
2/14/1985	-139.9	-18.41

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alaska**

Station Name: **Skagway River At Skagway**

Station Number **15056100**

Hydrologic Unit Code: 19060000

Drainage Area
(square miles): 145

Latitude: 59° 28' 02"

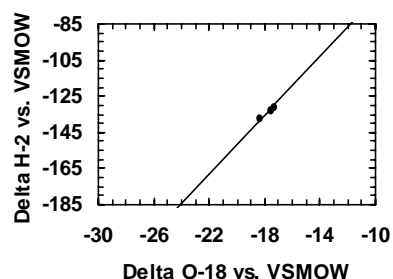
Datum (ft): 20

Longitude: 135° 17' 00"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/7/1985	-136.9	-18.36
4/15/1985	-131.0	-17.25
2/3/1985	-133.0	-17.50
11/25/1984	-132.5	-17.55

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alaska**

Station Name: **Copper River Near Chitina**

Station Number **15212000**

Hydrologic Unit Code: 19050003

Drainage Area
(square miles): 20600

Latitude: 61° 27' 56"

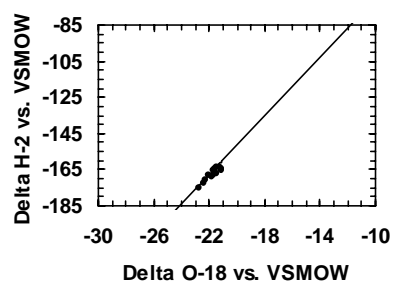
Datum (ft): 400

Longitude: 144° 27' 21"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/23/1987	-163.9	-21.18
8/19/1987	-168.6	-22.00
7/8/1987	-171.2	-22.26
5/20/1987	-165.2	-21.05
3/19/1987	-168.1	-21.63
9/18/1986	-164.6	-21.53
8/29/1986	-163.4	-21.42
7/8/1986	-172.6	-22.41
5/20/1986	-167.0	-21.47
3/12/1986	-167.1	-21.55
9/18/1985	-164.6	-21.16
7/18/1985	-175.4	-22.66
5/24/1985	-169.2	-21.84
3/6/1985	-165.8	-21.72

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alaska**

Station Name: **Talkeetna River Near Talkeetna**

Station Number **15292700**

Hydrologic Unit Code: 19050002

Drainage Area
(square miles): 2006

Latitude: 62° 21' 16"

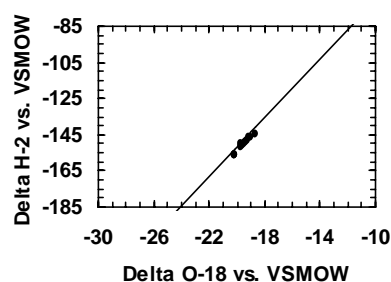
Datum (ft): 400

Longitude: 150° 00' 42"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/11/1987	-149.4	-19.43
6/23/1987	-156.0	-20.14
5/28/1987	-144.5	-18.70
2/19/1987	-146.5	-19.00
8/26/1986	-146.5	-19.14
6/26/1986	-155.5	-20.21
5/23/1986	-150.8	-19.56
2/11/1986	-148.2	-19.26
8/29/1985	-151.0	-19.67
6/26/1985	-155.6	-20.13
5/30/1985	-149.8	-19.71
1/11/1985	-148.5	-19.41

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alaska**

Station Name: **Susitna River At Susitna Station**

Station Number **15294350**

Hydrologic Unit Code: 19050002

Drainage Area
(square miles): 19400

Latitude: 61° 32' 41"

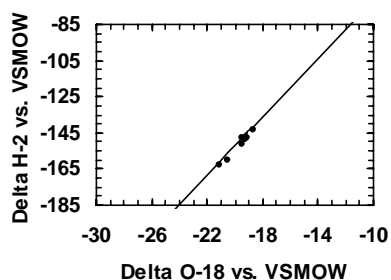
Datum (ft):

Longitude: 150° 30' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/25/1986	-147.8	-19.13
7/29/1986	-159.9	-20.53
5/21/1986	-151.2	-19.47
12/4/1985	-147.5	-19.42
9/19/1985	-147.8	-19.17
7/18/1985	-163.2	-21.12
5/24/1985	-143.7	-18.72
3/27/1985	-148.7	-19.23

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alaska**

Station Name: **Nushagak River At Ekwok**

Station Number **15302500**

Hydrologic Unit Code: 19040002

Drainage Area
(square miles): 9850

Latitude: 59° 20' 57"

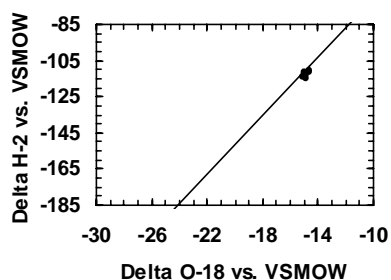
Datum (ft):

Longitude: 157° 28' 23"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/29/1986	-113.1	-14.84
7/2/1986	-114.8	-14.89
3/11/1986	-112.9	-14.97
10/3/1985	-111.0	-14.64
8/22/1985	-111.2	-14.57
7/11/1985	-114.2	-15.07
6/6/1985	-111.4	-15.00
4/3/1985	-112.5	-14.99

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alaska**

Station Name: **Kuskokwim River At Crooked Creek**

Station Number **15304000**

Hydrologic Unit Code: 19040001

Drainage Area
(square miles): 31100

Latitude: 61° 52' 16"

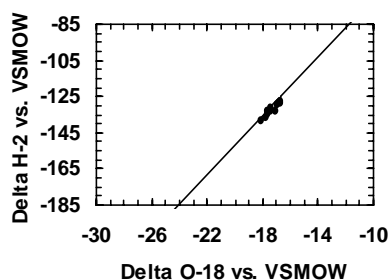
Datum (ft): 200

Longitude: 158° 06' 03"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/16/1987	-128.7	-16.76
7/27/1987	-136.6	-17.72
6/5/1987	-127.9	-16.72
3/3/1987	-132.5	-17.53
9/27/1986	-128.1	-16.77
8/20/1986	-133.0	-17.36
6/10/1986	-129.3	-16.95
4/16/1986	-133.1	-17.59
9/11/1985	-132.7	-17.06
7/24/1985	-138.1	-18.15
6/4/1985	-131.4	-17.37
4/1/1985	-134.7	-17.60

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alaska**

Station Name: **Tanana River At Nenana**

Station Number **15515500**

Hydrologic Unit Code: 19030004

Drainage Area
(square miles): 25600

Latitude: 64° 33' 55"

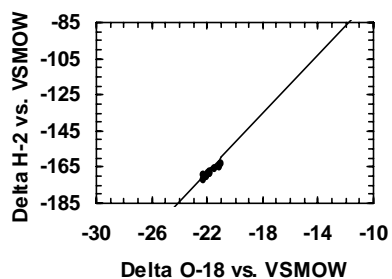
Datum (ft): 338.5

Longitude: 149° 05' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/5/1987	-169.8	-22.07
9/3/1986	-164.5	-21.11
7/10/1986	-169.3	-22.24
3/6/1986	-167.9	-21.89
1/22/1986	-167.7	-21.74
10/10/1985	-163.2	-20.97
7/17/1985	-171.9	-22.27
6/18/1985	-165.5	-21.45
3/21/1985	-168.5	-21.79
1/11/1985	-168.1	-21.83

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alaska**

Station Name: **Yukon River At Pilot Station**

Station Number **15565447**

Hydrologic Unit Code: 19030006

Drainage Area
(square miles): 321000

Latitude: 61° 56' 04"

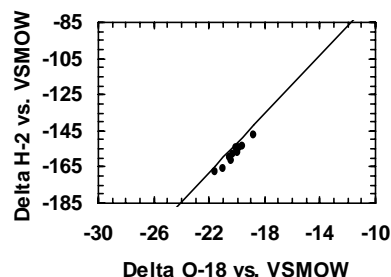
Datum (ft):

Longitude: 162° 52' 50"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/17/1987	-156.9	-19.96
7/28/1987	-159.8	-20.47
6/4/1987	-161.1	-20.41
3/4/1987	-154.0	-19.83
9/28/1986	-146.7	-18.78
6/11/1986	-165.9	-20.94
4/17/1986	-154.1	-20.04
9/11/1985	-153.5	-19.58
7/23/1985	-157.4	-20.24
6/10/1985	-167.2	-21.58
4/2/1985	-153.6	-19.95

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Alaska**

Station Name: **Kuparuk River Near Deadhorse**

Station Number **15896000**

Hydrologic Unit Code: 19010001

Drainage Area
(square miles): 3130

Latitude: 70° 16' 54"

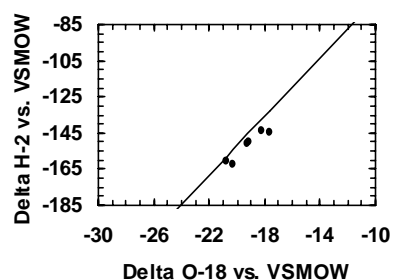
Datum (ft):

Longitude: 148° 57' 35"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/21/1986	-150.7	-19.22
7/3/1986	-161.8	-20.24
6/11/1986	-198.3	-25.60
10/4/1985	-149.9	-19.10
8/29/1985	-144.2	-17.61
7/25/1985	-143.1	-18.25
6/7/1985	-160.3	-20.79

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arizona**

Station Name: **Colorado River At Lees Ferry**

Station Number **09380000**

Hydrologic Unit Code: 14070006

Drainage Area
(square miles): 111800

Latitude: 36° 51' 53"

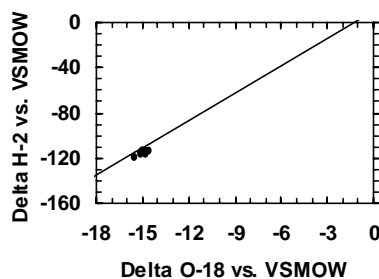
Datum (ft): 3106.16

Longitude: 111° 35' 15"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/27/1986	-113.6	-14.72
7/2/1986	-113.4	-14.87
5/9/1986	-115.5	-15.14
1/8/1986	-114.3	-14.92
11/5/1985	-113.1	-14.94
9/3/1985	-114.8	-15.12
7/3/1985	-114.3	-15.02
5/8/1985	-119.1	-15.46
1/4/1985	-116.4	-14.82
11/7/1984	-113.0	-14.61

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arizona**

Station Name: **Little Colorado River At Cameron**

Station Number **09401200**

Hydrologic Unit Code: 15020016

Drainage Area
(square miles): 24000

Latitude: 35° 52' 40"

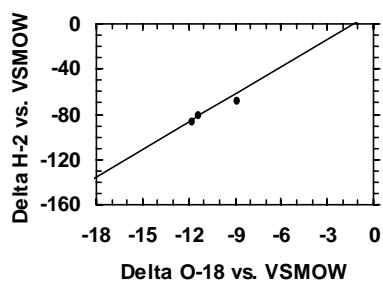
Datum (ft):

Longitude: 111° 24' 40"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/14/1986	-67.3	-8.88
4/19/1985	-69.4	
3/25/1985	-86.8	-11.79
3/7/1985	-80.6	-11.34

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arizona**

Station Name: **Virgin River At Littlefield**

Station Number **09415000**

Hydrologic Unit Code: 15010010

Drainage Area
(square miles): 5090

Latitude: 36° 53' 30"

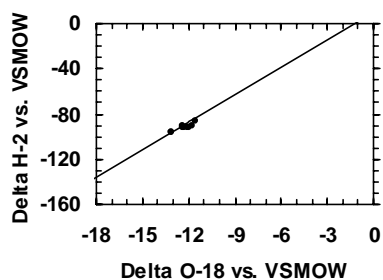
Datum (ft): 1221

Longitude: 113° 55' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/29/1987	-90.6	-11.80
8/27/1987	-86.9	-11.53
7/22/1987	-96.3	-13.12
6/24/1987	-91.9	-11.92
5/28/1987	-91.7	-12.09
4/29/1987	-96.8	-13.09
3/26/1987	-90.4	-12.37
1/27/1987	-91.8	-12.39
12/27/1986	-92.1	-12.25

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arizona**

Station Name: **Bill Williams River Near Planet**

Station Number **09426600**

Hydrologic Unit Code: 15030204

Drainage Area
(square miles): 5140

Latitude: 34° 15' 43"

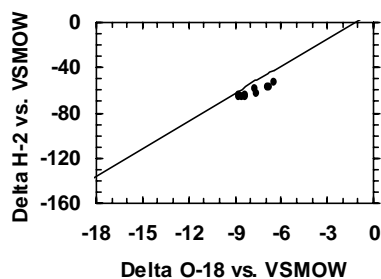
Datum (ft):

Longitude: 114° 01' 40"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/9/1987	-64.5	-8.31
11/5/1986	-64.1	-8.33
8/12/1986	-52.7	-6.49
5/15/1986	-57.2	-6.92
3/19/1986	-56.5	-6.72
11/20/1985	-58.7	-7.68
8/28/1985	-61.9	-7.60
5/15/1985	-65.5	-8.58
2/13/1985	-63.6	-8.74
11/28/1984	-65.5	-8.74

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arizona**

Station Name: **Gila River At Calva**

Station Number **09466500**

Hydrologic Unit Code: 15040005

Drainage Area
(square miles): 11470

Latitude: 33° 11' 08"

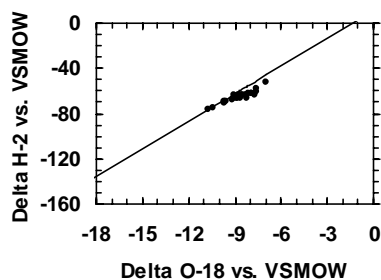
Datum (ft): 2517.29

Longitude: 110° 13' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
12/18/1985	-66.5	-9.08
12/5/1984	-64.1	-8.50
1/29/1985	-75.2	-10.45
2/20/1985	-70.1	-9.68
3/16/1985	-76.8	-10.68
4/2/1985	-69.4	-9.66
5/13/1985	-68.0	-9.14
6/10/1985	-66.2	-8.20
7/15/1985	-64.2	-7.72
8/12/1985	-62.5	-8.07
9/3/1985	-61.2	-7.64
11/8/1984	-63.4	-8.34
11/15/1985	-66.3	-8.81
12/3/1986	-65.2	-8.81
1/26/1986	-66.4	-8.66
2/11/1986	-67.1	-8.84
3/11/1986	-63.8	-9.08
4/8/1986	-65.4	-8.70
5/16/1986	-61.9	-7.95
6/3/1986	-62.5	-7.95
7/21/1986	-63.1	-8.26
8/19/1986	-52.9	-6.96
9/8/1986	-58.7	-7.57
10/20/1986	-63.6	-8.50
11/13/1986	-64.1	-8.74
10/23/1985	-68.7	-9.61

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arizona**

Station Name: **San Pedro River Below Aravaipa Creek Near Mammoth**

Station Number **09473100**

Hydrologic Unit Code: 15050203

Drainage Area
(square miles): 4360

Latitude: 32° 51' 03"

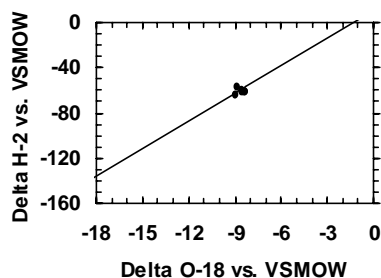
Datum (ft): 2125

Longitude: 110° 43' 27"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/6/1986	-61.0	-8.41
3/20/1986	-59.3	-8.54
2/10/1986	-63.3	-8.97
12/19/1985	-61.0	-8.31
9/30/1985	-56.0	-8.89
9/9/1985	-60.6	-8.32
1/4/1985	-61.0	-8.50

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arizona**

Station Name: **Salt River Near Roosevelt**

Station Number **09498500**

Hydrologic Unit Code: 15060103

Drainage Area
(square miles): 4306

Latitude: 33° 37' 10"

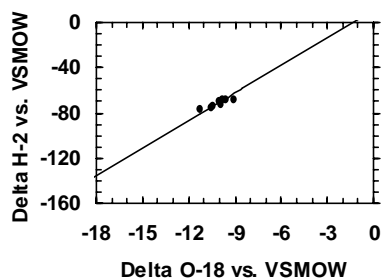
Datum (ft): 2177.14

Longitude: 110° 55' 15"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/18/1987	-72.0	-9.86
6/24/1987	-67.6	-9.08
4/23/1987	-76.6	-11.29
2/24/1987	-73.1	-10.45
12/30/1986	-75.1	-10.55
10/28/1986	-68.2	-9.60
12/19/1984	-69.4	-9.99
12/18/1984		-8.60
11/28/1984	-68.4	-9.79
11/27/1984		-8.55

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arizona**

Station Name: **Salt River Below Stewart Mountain Dam**

Station Number **09502000**

Hydrologic Unit Code: 15060106

Drainage Area
(square miles): 6232

Latitude: 33° 33' 10"

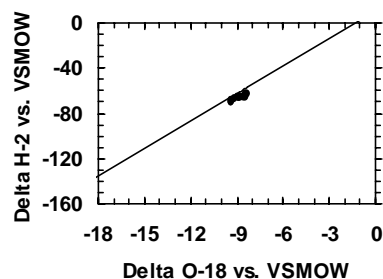
Datum (ft): 1370

Longitude: 111° 34' 33"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/23/1986	-64.9	-8.75
1/31/1985	-64.6	-8.89
3/27/1985	-67.8	-9.35
7/24/1985	-69.2	-9.33
9/27/1985	-69.6	-9.32
11/6/1985	-65.8	-8.80
1/23/1986	-66.4	-9.14
11/29/1984	-64.9	-8.55
5/29/1986	-65.8	-9.00
8/20/1987	-63.9	-8.46
9/23/1986	-65.6	-8.89
10/27/1986	-62.8	-8.34
12/16/1986	-62.7	-8.39
2/19/1987	-64.1	-8.42
4/22/1987	-63.8	-8.48
6/30/1987	-65.0	-8.44
3/20/1986	-65.1	-8.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arizona**

Station Name: **Wet Bottom Creek Near Childs**

Station Number **09508300**

Hydrologic Unit Code: 15060203

Drainage Area
(square miles): 36.4

Latitude: 34° 09' 39"

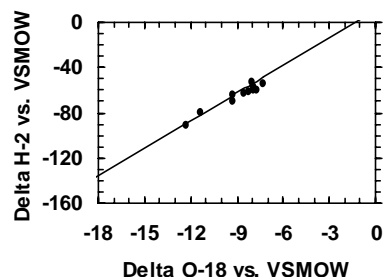
Datum (ft): 2320

Longitude: 111° 41' 32"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/12/1987	-59.6	-7.71
5/14/1987	-62.6	-8.48
2/10/1987	-79.6	-11.39
12/11/1986	-90.6	-12.25
8/13/1986	-59.2	-7.88
5/16/1986	-60.7	-8.23
2/13/1986	-63.8	-9.29
11/14/1985	-52.1	-8.00
8/13/1985	-54.4	-7.31
5/9/1985	-69.8	-9.24
11/14/1984	-56.7	-7.86

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arizona**

Station Name: **Verde River Below Tangle Creek Above Horseshoe Dam**

Station Number **09508500**

Hydrologic Unit Code: 15060203

Drainage Area
(square miles): 5872

Latitude: 34° 04' 23"

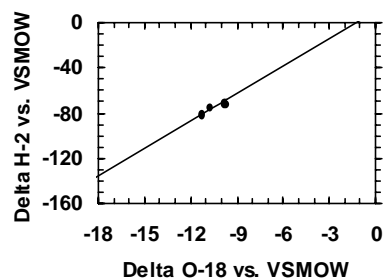
Datum (ft): 2029

Longitude: 111° 42' 56"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/12/1987	-72.9	-9.77
6/12/1987	-72.2	-9.69
4/14/1987	-75.6	-10.70
2/10/1987	-80.7	-11.21
12/11/1986	-81.5	-11.25
10/10/1986	-71.1	-9.81

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arizona**

Station Name: **Verde River Below Bartlett Dam**

Station Number **09510000**

Hydrologic Unit Code: 15060203

Drainage Area
(square miles): 6188

Latitude: 33° 48' 30"

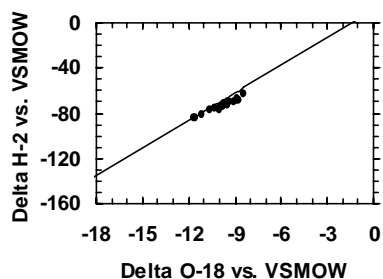
Datum (ft): 1572.34

Longitude: 111° 39' 09"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/27/1986	-73.0	-9.76
1/29/1985	-70.3	-9.56
4/1/1985	-80.8	-11.13
5/28/1985	-83.7	-11.60
7/23/1985	-84.0	-11.52
9/26/1985	-72.8	-9.43
11/22/1985	-76.5	-10.58
11/29/1984	-61.8	-8.38
3/21/1986	-72.4	-9.65
8/14/1987	-75.2	-10.27
7/28/1986	-75.9	-9.98
9/29/1986	-68.6	-8.85
10/23/1986	-69.2	-9.32
12/15/1986	-68.4	-8.76
2/18/1987	-66.9	-8.84
3/25/1987	-69.3	-9.06
6/30/1987	-72.5	-9.75
1/24/1986	-74.8	-9.96

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arizona**

Station Name: **Gila River Near Dome**

Station Number **09520500**

Hydrologic Unit Code: 15070201

Drainage Area
(square miles): 57850

Latitude: 32° 45' 39"

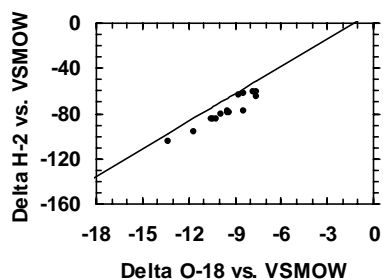
Datum (ft): 139.18

Longitude: 114° 25' 11"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/17/1987	-96.6	-11.62
5/6/1987	-77.5	-8.46
4/16/1987	-104.5	-13.36
3/5/1987	-78.8	-9.38
8/20/1986	-81.0	-9.86
5/20/1986	-64.9	-7.61
3/13/1986	-78.5	-9.43
1/13/1986	-85.5	-10.56
11/12/1985	-85.1	-10.41
8/27/1985	-85.0	-10.19
6/12/1985	-61.6	-7.62
5/13/1985	-61.1	-7.79
2/20/1985	-62.5	-8.44
1/17/1985	-63.4	-8.75
11/27/1984	-78.6	-9.48

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arizona**

Station Name: **Vamori Wash At Kom Vo**

Station Number **09535300**

Hydrologic Unit Code: 15080101

Drainage Area
(square miles): 1250

Latitude: 31° 56' 52"

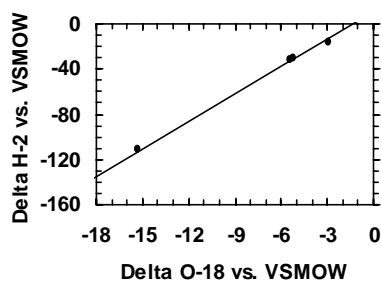
Datum (ft): 1770

Longitude: 112° 20' 36"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/13/1986	-15.2	-2.87
7/21/1986	-110.5	-15.31
9/19/1985	-29.1	-5.19
9/15/1985	-31.6	-5.40

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arkansas**

Station Name: **St. Francis River At Parkin**

Station Number **07047800**

Hydrologic Unit Code: 08020203

Drainage Area
(square miles): 0

Latitude: 35° 16' 23"

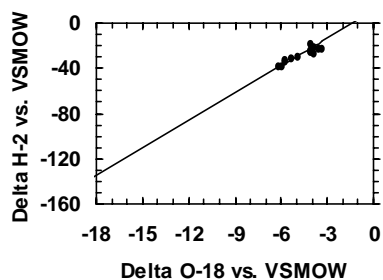
Datum (ft): 175.3

Longitude: 90° 33' 33"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/25/1987	-22.1	-3.32
7/21/1987	-26.8	-3.89
5/19/1987	-24.3	-4.10
3/10/1987	-38.1	-6.11
12/8/1986	-30.8	-5.28
11/12/1986	-34.6	-5.69
8/26/1986	-23.3	-3.55
6/10/1986	-37.8	-5.97
2/25/1986	-33.0	-5.72
10/1/1985	-25.4	-4.10
9/3/1985	-21.5	-3.81
4/24/1985	-30.0	-4.85
11/13/1984	-18.5	-4.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arkansas**

Station Name: **North Sylamore Creek Near Fifty Six**

Station Number **07060710**

Hydrologic Unit Code: 11010004

Drainage Area
(square miles): 58.1

Latitude: 35° 59' 43"

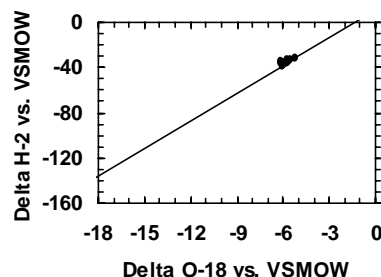
Datum (ft): 434.99

Longitude: 92° 12' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/12/1986	-31.1	-5.23
7/22/1986	-33.2	-5.49
5/28/1986	-34.0	-5.77
3/26/1986	-36.2	-5.95
1/28/1986	-35.5	-5.98
11/14/1985	-33.2	-5.68
8/1/1985	-34.3	-5.67
6/10/1985	-38.1	-6.03
4/22/1985	-35.0	-6.15
3/5/1985	-34.0	-6.10
11/6/1984	-35.0	-5.70

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arkansas**

Station Name: **White River At Newport**

Station Number **07074500**

Hydrologic Unit Code: 11010013

Drainage Area
(square miles): 19860

Latitude: 35° 36' 18"

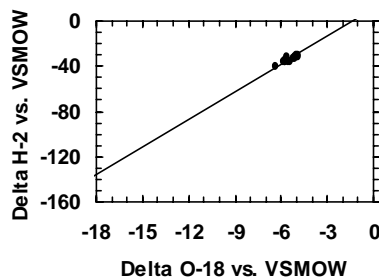
Datum (ft): 194.09

Longitude: 91° 17' 19"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
2/24/1986	-35.1	-5.39
1/8/1985	-34.0	-5.70
3/12/1985	-35.0	-5.75
5/31/1985	-39.4	-6.33
7/1/1985	-35.0	-5.78
8/26/1985	-35.8	-5.70
11/30/1984	-31.0	-5.65
12/31/1985	-30.7	-4.95
7/22/1987	-31.7	-4.94
4/15/1986	-29.6	-4.95
6/2/1986	-31.3	-5.12
8/18/1986	-33.1	-5.15
10/28/1986	-35.6	-5.68
12/3/1986	-30.4	-4.89
4/23/1987	-32.9	-5.24
10/29/1985	-34.9	-5.54

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arkansas**

Station Name: **Arkansas River At Dam No. 13, Near Van Buren**

Station Number **07250550**

Hydrologic Unit Code: 11110201

Drainage Area
(square miles): 150547

Latitude: 35° 20' 56"

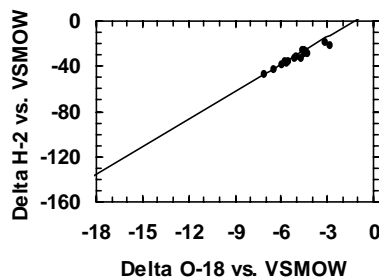
Datum (ft): 0

Longitude: 94° 17' 54"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/17/1986	-27.1	-4.34
2/13/1985	-33.0	-5.10
4/25/1985	-36.0	-5.75
6/11/1985	-35.4	-5.53
8/1/1985	-27.8	-4.26
10/2/1985	-21.1	-2.83
12/3/1984	-26.0	-4.55
2/13/1986	-30.5	-4.96
7/20/1987	-32.3	-4.64
6/11/1986	-28.5	-4.49
8/20/1986	-19.1	-3.15
11/18/1986	-38.5	-5.89
12/5/1986	-42.6	-6.49
4/22/1987	-46.7	-7.05
6/23/1987	-37.3	-5.60
12/30/1985	-26.1	-4.47

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arkansas**

Station Name: **Mississippi River Near Arkansas City**

Station Number **07265450**

Hydrologic Unit Code: 08030100

Drainage Area
(square miles): 1130600

Latitude: 33° 33' 27"

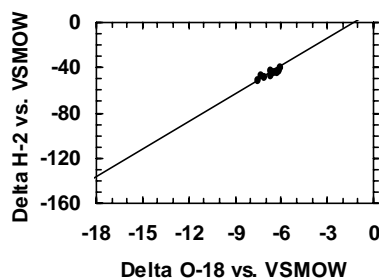
Datum (ft): 96.66

Longitude: 91° 14' 15"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/12/1987	-42.1	-6.13
3/23/1987	-46.6	-7.30
11/24/1986	-43.4	-6.47
6/19/1986	-46.2	-6.68
4/22/1986	-51.6	-7.54
1/27/1986	-47.5	-7.12
10/29/1985	-39.9	-5.99
7/22/1985	-41.9	-6.18
1/23/1985	-42.0	-6.65
10/22/1984	-43.5	-6.20

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arkansas**

Station Name: **Red River At Index**

Station Number **07337000**

Hydrologic Unit Code: 11140106

Drainage Area
(square miles): 48030

Latitude: 33° 33' 07"

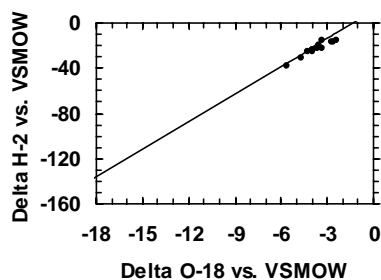
Datum (ft): 246.87

Longitude: 94° 02' 28"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/28/1987	-38.2	-5.63
2/10/1987	-31.0	-4.73
10/21/1986	-17.4	-2.70
8/19/1986	-15.5	-2.40
7/22/1986	-17.4	-2.59
4/15/1986	-19.2	-3.50
3/31/1986	-21.2	-3.50
1/7/1986	-25.5	-4.29
11/5/1985	-25.8	-3.93
8/5/1985	-22.2	-3.30
7/15/1985	-23.2	-3.63
4/16/1985	-23.5	-4.00
2/20/1985	-24.5	-3.95
12/26/1984	-15.0	-3.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arkansas**

Station Name: **Little River At Millwood Dam Near Ashdown**

Station Number **07341301**

Hydrologic Unit Code: 11140109

Drainage Area
(square miles): 4119

Latitude: 33° 41' 28"

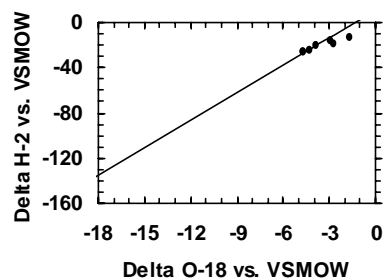
Datum (ft): 0

Longitude: 93° 57' 53"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/22/1986	-15.7	-2.93
4/16/1986	-19.5	-3.82
1/7/1986	-23.5	-4.24
11/4/1985	-12.2	-1.65
8/5/1985	-18.1	-2.74
4/16/1985	-25.0	-4.65
2/20/1985	-25.5	-4.65

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arkansas**

Station Name: **Sulphur River South Of Texarkana**

Station Number **07344275**

Hydrologic Unit Code: 11140302

Drainage Area
(square miles): 3540

Latitude: 33° 14' 32"

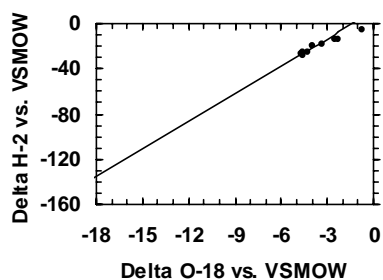
Datum (ft):

Longitude: 93° 59' 58"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/23/1986	-14.3	-2.47
4/16/1986	-17.7	-3.34
1/8/1986	-27.8	-4.58
11/5/1985	-6.0	-.70
8/6/1985	-14.5	-2.28
4/17/1985	-26.0	-4.30
4/17/1985	-26.0	-4.55
2/20/1985	-20.0	-3.95
2/14/1985	-27.0	-4.65

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Arkansas**

Station Name: **Ouachita River At Camden**

Station Number **07362000**

Hydrologic Unit Code: 08040102

Drainage Area
(square miles): 5357

Latitude: 33° 35' 47"

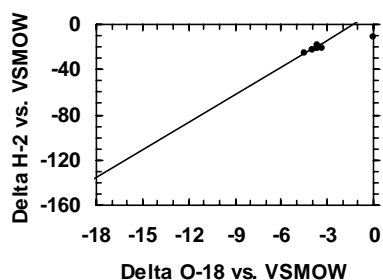
Datum (ft): 71.69

Longitude: 92° 49' 05"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/9/1987	-21.3	-3.60
2/11/1987	-25.1	-4.50
10/22/1986	-20.8	-3.34
7/23/1986	-19.0	-3.62
4/16/1986	-21.1	-3.65
1/8/1986	-22.8	-3.96
11/5/1985	-10.9	.03
8/6/1985	-23.1	-3.92

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Alamo River At Drop 3 Near Calipatria**

Station Number **10254670**

Hydrologic Unit Code: 18100200

Drainage Area
(square miles): 0

Latitude: 33° 06' 16"

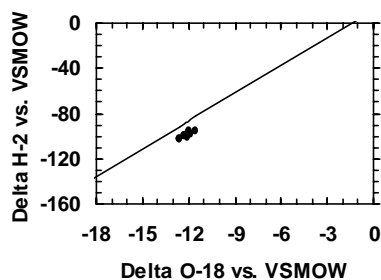
Datum (ft): 1

Longitude: 115° 23' 29"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/16/1987	-98.8	-12.16
6/30/1987	-100.7	-12.11
3/11/1987	-101.7	-12.64
12/17/1986	-99.3	-12.20
9/18/1986	-98.8	-12.29
6/19/1986	-99.7	-12.24
3/26/1986	-101.7	-12.59
12/13/1985	-94.8	-11.94
9/18/1985	-98.0	-11.86
6/18/1985	-99.1	-12.06
3/19/1985	-98.1	-12.10
12/13/1984	-94.8	-11.50
9/20/1984	-98.1	-11.99

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **New River At Internat Bdy Calexico**

Station Number **10254970**

Hydrologic Unit Code: 18100200

Drainage Area
(square miles): 0

Latitude: 32° 39' 57"

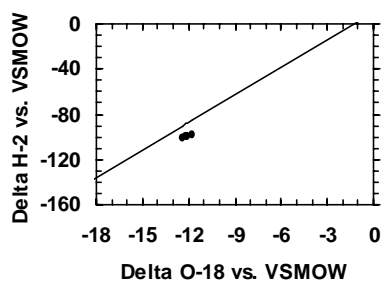
Datum (ft):

Longitude: 115° 30' 08"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
2/21/1985	-97.5	-11.75
1/22/1985	-100.4	-12.40
11/28/1984	-99.3	-12.17
9/19/1984	-98.6	-12.11

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Owens River Below Tinemaha Re Near Big Pine**

Station Number **10277400**

Hydrologic Unit Code: 18090102

Drainage Area
(square miles): 1964

Latitude: 37° 03' 11"

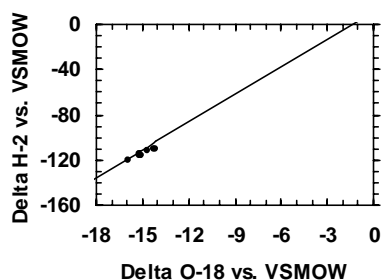
Datum (ft): 3860

Longitude: 118° 13' 35"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/11/1986	-119.7	-15.93
3/13/1986	-116.3	-15.04
12/10/1985	-116.8	-15.13
9/18/1985	-110.9	-14.20
6/27/1985	-115.7	-15.18
3/14/1985	-115.0	-15.15
12/13/1984	-112.5	-14.70
9/28/1984	-110.0	-14.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Sagehen Creek Near Truckee**

Station Number **10343500**

Hydrologic Unit Code: 16050102

Drainage Area
(square miles): 10.5

Latitude: 39° 25' 54"

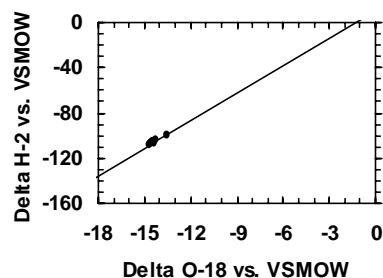
Datum (ft): 6320

Longitude: 120° 14' 13"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/27/1987	-107.0	-14.69
2/5/1987	-106.7	-14.58
11/20/1986	-104.8	-14.49
8/20/1986	-105.6	-14.38
5/12/1986	-99.2	-13.52
2/3/1986	-104.0	-14.30
11/7/1985	-106.6	-14.58

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Susan River At Susanville**

Station Number **10356500**

Hydrologic Unit Code: 18080003

Drainage Area
(square miles): 184

Latitude: 40° 25' 03"

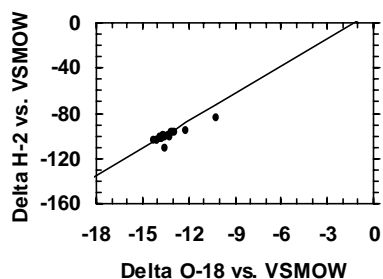
Datum (ft): 4225.72

Longitude: 120° 40' 15"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/20/1986	-96.1	-13.09
11/19/1984	-98.5	-13.60
1/21/1985	-104.0	-14.05
3/19/1985	-103.0	-14.00
5/22/1985	-96.7	-13.05
7/23/1985	-99.4	-13.58
9/25/1985	-102.0	-13.88
9/17/1984	-110.5	-13.50
3/19/1986	-99.8	-13.52
9/16/1987	-102.6	-13.71
7/23/1986	-95.5	-12.12
9/24/1986	-97.0	-12.94
11/19/1986	-101.0	-13.88
1/21/1987	-103.3	-14.22
3/25/1987	-99.1	-13.32
5/20/1987	-83.2	-10.21
7/15/1987	-100.6	-13.23
1/23/1986	-100.3	-13.68

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **San Luis Rey River At Oceanside**

Station Number **11042000**

Hydrologic Unit Code: 18070303

Drainage Area
(square miles): 558

Latitude: 33° 13' 05"

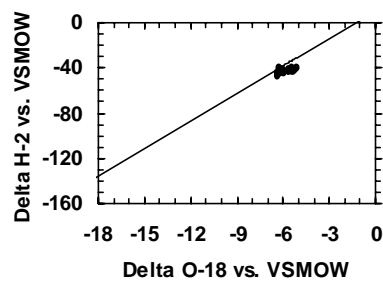
Datum (ft): 20

Longitude: 117° 21' 34"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/29/1986	-42.4	-5.64
11/27/1984	-41.8	-5.66
1/17/1985	-44.4	-6.33
3/21/1985	-42.2	-5.90
5/30/1985	-41.6	-5.53
7/22/1985	-41.6	-5.42
7/29/1985	-40.4	-6.07
9/24/1985	-42.1	-5.46
9/12/1984	-41.1	-5.15
3/19/1986	-40.2	-6.27
9/29/1987	-39.6	-5.08
7/23/1986	-40.6	-5.49
9/16/1986	-39.9	-5.42
11/26/1986	-47.2	-6.35
1/29/1987	-44.4	-6.14
3/24/1987	-42.5	-5.91
5/28/1987	-41.4	-5.59
7/29/1987	-42.1	-5.27
1/23/1986	-43.3	-5.95

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Santa Ana River Below Prado Dam**

Station Number **11074000**

Hydrologic Unit Code: 18070203

Drainage Area
(square miles): 1490

Latitude: 33° 53' 00"

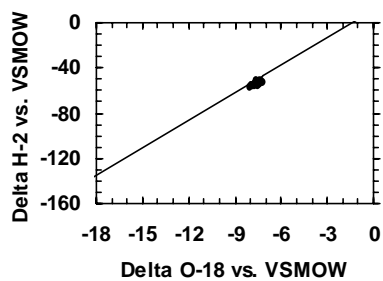
Datum (ft): 449

Longitude: 117° 38' 40"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/13/1986	-51.8	-7.14
11/21/1984	-52.0	-7.50
1/25/1985	-55.0	-7.90
4/11/1985	-54.5	-7.40
5/23/1985	-51.5	-7.58
7/30/1985	-53.4	-7.44
11/20/1985	-54.5	-7.79
1/28/1986	-55.0	-7.92
9/25/1984	-54.5	-7.70
4/24/1986	-51.4	-7.27
9/22/1987	-54.6	-7.66
7/30/1986	-53.9	-7.52
9/24/1986	-50.8	-7.43
11/25/1986	-56.7	-8.02
1/14/1987	-52.5	-7.63
3/18/1987	-54.6	-7.81
5/13/1987	-53.4	-7.64
7/28/1987	-55.2	-7.54
3/27/1986	-51.1	-7.56

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Los Angeles River At Long Beach**

Station Number **11103000**

Hydrologic Unit Code: 18070105

Drainage Area
(square miles): 827

Latitude: 33° 49' 02"

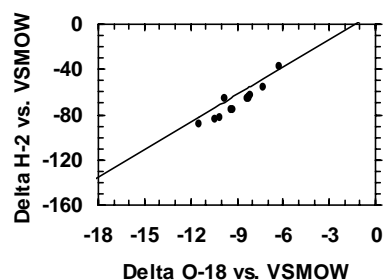
Datum (ft): 11.91

Longitude: 118° 12' 20"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/30/1987	-83.1	-10.43
3/25/1987	-81.6	-10.08
12/31/1986	-88.4	-11.41
9/18/1986	-74.8	-9.22
6/19/1986	-74.9	-9.37
3/20/1986	-61.7	-8.15
12/11/1985	-65.1	-9.82
9/25/1985	-65.6	-8.34
6/26/1985	-65.1	-8.19
3/22/1985	-64.1	-8.20
12/11/1984	-36.9	-6.26
9/13/1984	-55.8	-7.25

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Santa Clara River At Los Angeles-Ventura Co Line**

Station Number **11108500**

Hydrologic Unit Code: 18070102

Drainage Area
(square miles): 625

Latitude: 34° 23' 59"

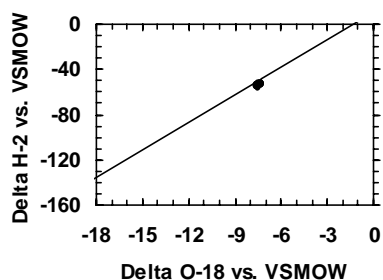
Datum (ft): 794.93

Longitude: 118° 42' 14"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/16/1987	-54.6	-7.53
3/17/1987	-54.0	-7.62
12/9/1986	-54.3	-7.61
9/18/1986	-53.0	-7.40
6/26/1986	-51.9	-7.30
3/25/1986	-52.5	-7.25
12/11/1985	-54.5	-7.51
9/11/1985	-53.1	-7.42
6/18/1985	-52.6	-7.46
3/13/1985	-53.5	-7.55
12/13/1984	-53.5	-7.45
9/25/1984	-52.5	-7.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Salinas River Near Chualar**

Station Number **11152300**

Hydrologic Unit Code: 18060005

Drainage Area
(square miles): 4042

Latitude: 36° 33' 20"

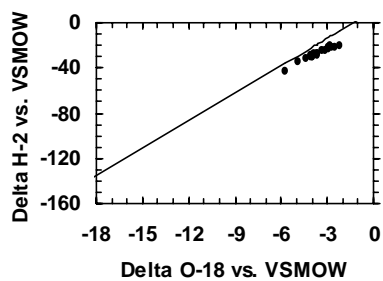
Datum (ft): 68

Longitude: 121° 32' 55"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/12/1986	-30.2	-3.95
11/13/1984	-27.5	-3.85
1/17/1985	-29.0	-4.10
2/25/1985	-30.0	-4.10
5/14/1985	-20.5	-2.78
7/15/1985	-21.1	-2.90
9/17/1985	-20.3	-2.22
11/12/1985	-22.7	-2.90
9/10/1984	-21.0	-2.75
3/24/1986	-33.6	-4.93
9/14/1987	-29.1	-3.97
7/15/1986	-27.0	-3.66
9/9/1986	-24.4	-3.36
11/17/1986	-28.4	-3.69
1/12/1987	-30.8	-4.39
3/11/1987	-42.0	-5.73
5/22/1987	-24.7	-3.15
7/13/1987	-20.6	-2.47
1/22/1986	-26.7	-3.65

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Pajaro River At Chittenden**

Station Number **11159000**

Hydrologic Unit Code: 18060002

Drainage Area
(square miles): 1186

Latitude: 36° 54' 01"

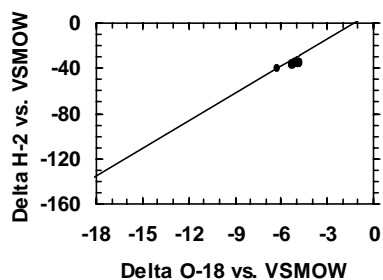
Datum (ft): 82.28

Longitude: 121° 35' 48"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/15/1987	-34.0	-4.74
6/15/1987	-35.2	-5.09
3/10/1987	-35.7	-5.19
12/15/1986	-36.3	-5.22
9/10/1986	-34.7	-4.92
6/17/1986	-34.5	-4.92
3/19/1986	-39.9	-6.29
12/17/1985	-36.4	-5.31
9/18/1985	-34.4	-4.96
6/11/1985	-34.9	-4.80
2/22/1985	-35.5	-5.15
12/10/1984	-36.0	-5.30
9/11/1984	-35.5	-4.90

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Kern River At Kernville**

Station Number **11187000**

Hydrologic Unit Code: 18030001

Drainage Area
(square miles): 1009

Latitude: 35° 45' 16"

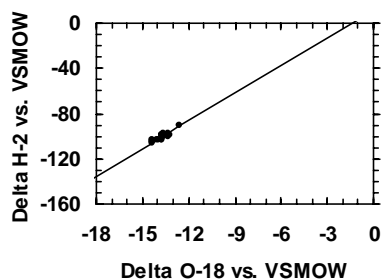
Datum (ft): 2621.57

Longitude: 118° 25' 21"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/22/1987	-98.7	-13.24
7/14/1987	-100.1	-13.27
5/21/1987	-106.0	-14.37
3/10/1987	-101.0	-13.61
1/13/1987	-103.4	-14.07
11/19/1986	-104.9	-14.39
9/24/1986	-104.0	-13.92
5/21/1986	-103.9	-14.37
3/13/1986	-90.5	-12.55
1/29/1986	-102.7	-13.76
11/20/1985	-102.7	-13.74
3/19/1985	-98.0	-13.60
1/16/1985	-98.5	-13.75
11/19/1984	-99.0	-13.70
9/19/1984	-97.0	-13.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Kings River Below Nf Near Trimmer**

Station Number **11218500**

Hydrologic Unit Code: 18030010

Drainage Area
(square miles): 1342

Latitude: 36° 52' 29"

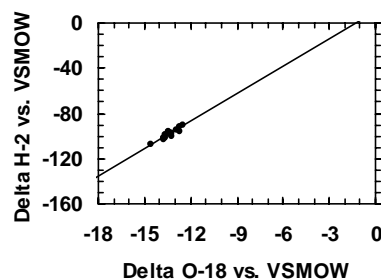
Datum (ft): 942.42

Longitude: 119° 08' 27"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/23/1987	-101.0	-13.22
7/15/1987	-101.8	-13.63
5/22/1987	-103.2	-13.78
3/11/1987	-97.6	-13.29
1/12/1987	-99.8	-13.61
11/20/1986	-101.7	-13.76
9/25/1986	-91.9	-12.65
5/22/1986	-107.3	-14.55
3/12/1986	-90.4	-12.50
11/21/1985	-96.7	-12.71
3/20/1985	-96.0	-13.45
1/19/1985	-98.0	-13.45
11/20/1984	-94.5	-12.95
9/20/1984	-97.5	-13.25

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Merced River At Happy Isles Bridge Near Yosemite**

Station Number **11264500**

Hydrologic Unit Code: 18040008

Drainage Area
(square miles): 181

Latitude: 37° 43' 54"

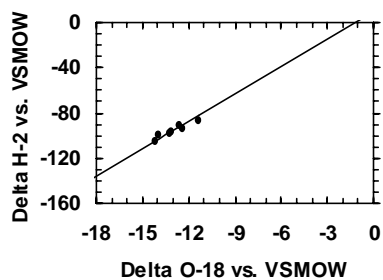
Datum (ft): 4016.58

Longitude: 119° 33' 28"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/17/1987	-86.1	-11.38
5/19/1987	-104.1	-14.14
1/15/1987	-97.4	-13.23
5/23/1986	-99.3	-13.99
11/18/1985	-93.4	-12.43
1/18/1985	-96.0	-13.10
11/21/1984	-91.0	-12.60

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **San Joaquin River Near Vernalis**

Station Number **11303500**

Hydrologic Unit Code: 18040003

Drainage Area
(square miles): 13536

Latitude: 37° 40' 34"

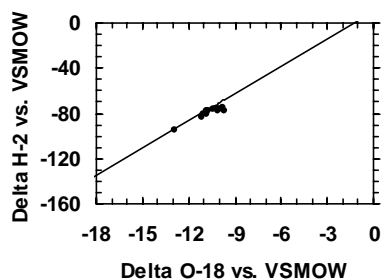
Datum (ft): 0

Longitude: 121° 15' 51"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/21/1987	-76.1	-10.01
7/13/1987	-74.5	-9.73
5/18/1987	-76.1	-10.11
3/9/1987	-83.8	-11.15
1/16/1987	-77.1	-10.44
11/21/1986	-94.5	-12.89
9/23/1986	-81.1	-10.85
5/20/1986	-78.3	-10.87
1/23/1986	-76.0	-10.10
11/19/1985	-77.8	-9.67
9/10/1985	-77.3	-10.13
1/15/1985	-80.5	-11.05
11/16/1984	-78.5	-10.75
9/21/1984	-80.0	-10.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Mokelumne River At Woodbridge**

Station Number **11325500**

Hydrologic Unit Code: 18040005

Drainage Area
(square miles): 661

Latitude: 38° 09' 31"

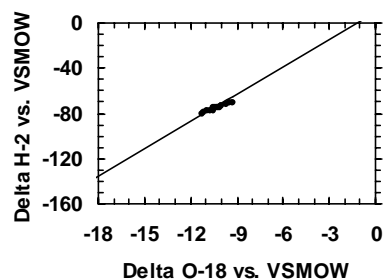
Datum (ft): 14.9

Longitude: 121° 18' 09"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/16/1987	-70.5	-9.47
6/9/1987	-72.9	-9.69
3/11/1987	-74.3	-10.03
12/10/1986	-75.0	-10.06
9/4/1986	-80.3	-11.27
6/11/1986	-78.0	-10.92
3/19/1986	-74.6	-10.55
12/17/1985	-70.7	-9.27
10/23/1985	-75.2	-10.40
9/17/1985	-77.4	-10.52
6/11/1985	-78.0	-10.67
2/25/1985	-74.5	-10.20
12/18/1984	-75.0	-10.25
9/12/1984	-79.5	-11.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Sacramento River At Keswick**

Station Number **11370500**

Hydrologic Unit Code: 18020101

Drainage Area
(square miles): 6468

Latitude: 40° 36' 04"

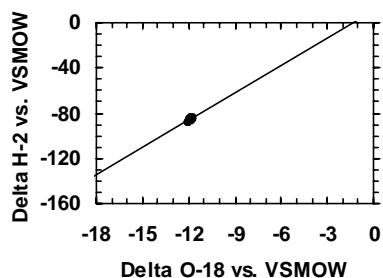
Datum (ft): 479.81

Longitude: 122° 26' 36"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/20/1986	-84.2	-11.87
11/19/1984	-86.0	-11.95
1/21/1985	-88.0	-11.95
2/20/1985	-86.5	-12.00
5/21/1985	-85.0	-11.94
7/24/1985	-84.8	-11.98
9/24/1985	-85.7	-11.96
11/20/1985	-87.4	-11.95
9/19/1984	-84.0	-11.85
3/18/1986	-83.9	-11.65
9/15/1987	-85.4	-11.92
7/22/1986	-84.1	-11.75
9/23/1986	-84.6	-11.90
11/19/1986	-87.4	-12.03
1/20/1987	-87.1	-11.97
3/24/1987	-85.8	-11.87
5/19/1987	-85.8	-11.80
7/14/1987	-84.5	-11.68
1/22/1986	-87.2	-12.02

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Sacramento River At Freeport**

Station Number **11447650**

Hydrologic Unit Code: 18020109

Drainage Area
(square miles): 0

Latitude: 38° 27' 20"

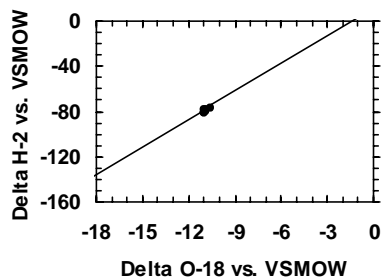
Datum (ft):

Longitude: 121° 30' 07"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/15/1987	-75.9	-10.46
6/10/1987	-78.6	-10.81
3/12/1987	-81.4	-10.98
12/9/1986	-80.6	-11.04
9/3/1986	-80.2	-10.95
6/10/1986	-76.5	-10.57
3/20/1986		-10.55
12/18/1985	-80.6	-11.01
10/22/1985	-78.7	-10.83
6/12/1985	-77.8	-10.81
3/20/1985	-78.5	-11.00
12/19/1984	-77.5	-10.90
8/30/1984	-78.0	-10.90

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Napa River Near Napa**

Station Number **11458000**

Hydrologic Unit Code: 18050002

Drainage Area
(square miles): 218

Latitude: 38° 22' 06"

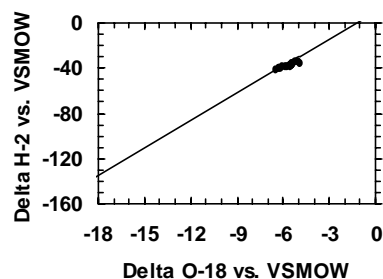
Datum (ft): 24.74

Longitude: 122° 18' 08"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/19/1986	-39.3	-6.29
11/20/1984	-38.0	-6.05
1/17/1985	-39.8	-6.16
3/20/1985	-39.1	-6.19
5/22/1985	-38.2	-5.71
7/16/1985	-33.3	-5.22
9/18/1985	-36.4	-5.38
9/12/1984	-36.5	-5.40
1/21/1986	-41.7	-6.43
9/23/1987	-35.4	-4.93
5/21/1986	-38.1	-5.79
9/23/1986	-36.3	-5.43
11/5/1986	-36.9	-5.41
1/21/1987	-38.8	-5.54
5/6/1987	-36.7	-5.54
7/14/1987	-34.1	-5.03
11/13/1985	-35.9	-5.42

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Russian River Near Guerneville**

Station Number **11467000**

Hydrologic Unit Code: 18010110

Drainage Area
(square miles): 1338

Latitude: 38° 30' 31"

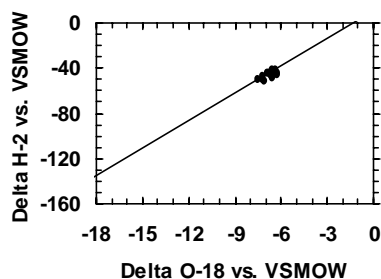
Datum (ft): 20.14

Longitude: 122° 55' 36"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/18/1986	-43.7	-6.88
11/21/1984	-44.0	-6.75
1/16/1985	-47.0	-7.20
2/20/1985	-49.4	-7.46
5/21/1985	-44.9	-6.63
7/17/1985	-49.4	-7.14
9/17/1985	-50.5	-7.10
9/11/1984	-45.0	-6.25
1/17/1986	-40.7	-6.51
9/22/1987	-44.2	-6.29
5/20/1986	-44.4	-6.65
11/4/1986	-48.1	-6.56
1/20/1987	-44.2	-6.51
3/18/1987	-42.8	-6.54
5/7/1987	-42.8	-6.40
7/15/1987	-41.2	-6.30
11/12/1985	-44.6	-6.67

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Elder Creek Near Branscomb**

Station Number **11475560**

Hydrologic Unit Code: 18010106

Drainage Area
(square miles): 6.5

Latitude: 39° 43' 47"

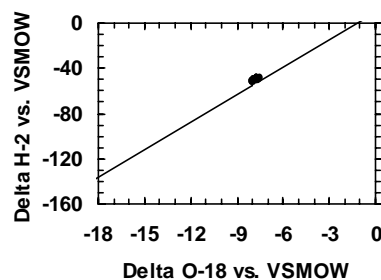
Datum (ft): 1391.08

Longitude: 123° 38' 34"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/3/1987	-48.8	-7.53
6/23/1987	-48.3	-7.72
3/11/1987	-49.3	-7.89
12/11/1986	-48.1	-7.69
9/11/1986	-49.4	-7.63
6/10/1986	-49.2	-7.82
3/26/1986	-49.9	-7.94
12/13/1985	-50.9	-8.05
9/10/1985	-48.6	-7.73
6/11/1985	-49.5	-7.72
3/12/1985	-51.5	-8.00
12/11/1984	-49.0	-7.70
9/11/1984	-49.0	-7.70

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Eel River At Scotia**

Station Number **11477000**

Hydrologic Unit Code: 18010105

Drainage Area
(square miles): 3113

Latitude: 40° 29' 30"

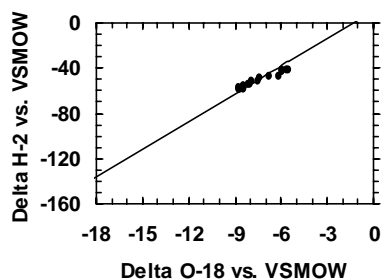
Datum (ft): 35.5

Longitude: 124° 05' 55"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/9/1986	-46.7	-6.73
1/11/1985	-55.5	-8.40
3/13/1985	-57.0	-8.70
5/9/1985	-57.5	-8.39
9/9/1985	-42.8	-5.88
11/20/1985	-50.8	-7.53
1/24/1986	-53.2	-8.10
9/10/1984	-40.5	-5.90
5/13/1986	-55.0	-8.39
9/1/1987	-40.8	-5.56
9/9/1986	-41.1	-5.60
11/17/1986	-48.3	-7.39
1/13/1987	-51.4	-7.96
3/25/1987	-58.3	-8.74
5/20/1987	-54.4	-8.05
7/20/1987	-46.5	-6.15
3/20/1986	-57.7	-8.65

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Klamath River Near Klamath**

Station Number **11530500**

Hydrologic Unit Code: 18010209

Drainage Area
(square miles): 12100

Latitude: 41° 30' 52"

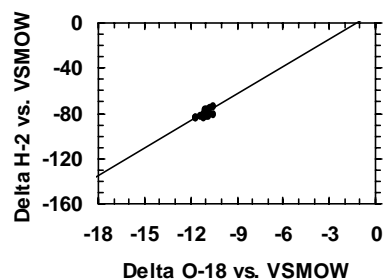
Datum (ft):

Longitude: 123° 59' 57"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/8/1986	-80.8	-11.12
1/15/1985	-78.5	-11.05
2/21/1985	-77.0	-11.05
7/17/1985	-79.9	-11.06
9/12/1985	-81.8	-11.02
11/21/1985	-79.1	-10.79
1/23/1986	-75.2	-10.74
9/13/1984	-84.0	-11.15
5/15/1986	-82.1	-11.34
9/15/1987	-81.0	-10.48
9/3/1986	-81.6	-10.86
11/18/1986	-82.4	-10.93
1/14/1987	-73.9	-10.54
3/17/1987	-76.2	-10.91
5/19/1987	-84.1	-11.65
7/22/1987	-79.9	-10.90
3/18/1986	-83.9	-11.65

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **California**

Station Name: **Smith River Near Crescent City**

Station Number **11532500**

Hydrologic Unit Code: 18010101

Drainage Area
(square miles): 609

Latitude: 41° 47' 30"

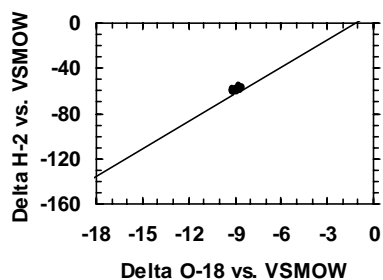
Datum (ft): 89.61

Longitude: 124° 04' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/17/1987	-56.7	-8.56
6/25/1987	-57.8	-8.65
3/18/1987	-60.1	-9.15
12/9/1986	-55.9	-8.72
9/4/1986	-57.5	-8.62
6/11/1986	-58.4	-8.88
3/19/1986	-59.9	-9.03
12/19/1985	-58.2	-9.13
9/13/1985	-58.9	-8.82
6/13/1985	-58.8	-9.16
3/15/1985	-59.5	-9.15
12/13/1984	-58.0	-9.00
9/14/1984	-58.0	-8.75

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Colorado**

Station Name: **South Platte River At Littleton**

Station Number **06710000**

Hydrologic Unit Code: 10190002

Drainage Area
(square miles): 3069

Latitude: 39° 37' 08"

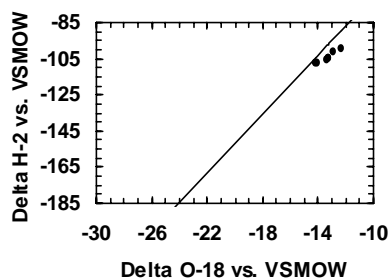
Datum (ft): 5304.36

Longitude: 105° 01' 07"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/23/1986	-99.5	-12.36
6/4/1986	-104.3	-13.28
3/28/1986	-104.9	-13.25
1/16/1986	-105.0	-13.36
11/18/1985	-101.2	-12.91
1/17/1985	-107.2	-14.22
11/19/1984	-106.9	-14.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Colorado**

Station Name: **South Platte River At Julesburg**

Station Number **06764000**

Hydrologic Unit Code: 10190018

Drainage Area
(square miles): 23138

Latitude: 40° 58' 46"

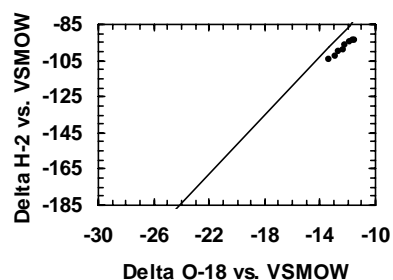
Datum (ft): 3446.76

Longitude: 102° 15' 15"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/19/1987	-99.7	-12.68
2/24/1987	-99.2	-12.32
11/25/1986	-96.2	-12.20
9/10/1986	-94.2	-11.60
3/18/1986	-95.0	-11.87
12/17/1985	-102.5	-12.89
9/25/1985	-93.9	-11.47
12/12/1984	-104.3	-13.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Colorado**

Station Name: **Halfmoon Creek Near Malta**

Station Number **07083000**

Hydrologic Unit Code: 11020001

Drainage Area
(square miles): 23.6

Latitude: 39° 10' 20"

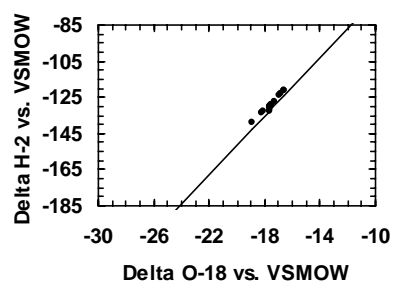
Datum (ft): 9830

Longitude: 106° 23' 19"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/31/1987	-120.9	-16.59
6/30/1987	-132.5	-18.15
5/15/1987	-139.3	-18.90
2/20/1987	-128.8	-17.46
1/15/1987	-127.3	-17.26
10/27/1986	-121.2	-16.61
6/25/1986	-133.9	-18.17
4/30/1986	-130.3	-17.47
2/6/1986	-129.9	-17.68
12/31/1985	-129.6	-17.54
10/31/1985	-124.3	-16.89
8/2/1985	-123.3	-16.81
4/11/1985	-132.5	-17.65
2/14/1985	-131.0	-17.60

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Colorado**

Station Name: **Arkansas River At Portland**

Station Number **07097000**

Hydrologic Unit Code: 11020002

Drainage Area
(square miles): 4024

Latitude: 38° 23' 18"

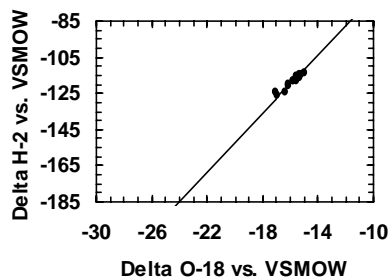
Datum (ft): 5021.59

Longitude: 105° 00' 56"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/25/1986	-125.9	-16.93
4/10/1985	-113.5	-15.00
6/10/1985	-124.1	-17.11
8/21/1985	-115.7	-15.38
10/30/1985	-116.1	-15.53
12/4/1985	-117.2	-15.56
2/11/1985	-123.5	-16.40
4/29/1986	-118.1	-15.59
8/12/1987	-115.0	-15.44
8/27/1986	-114.4	-15.34
10/21/1986	-115.1	-15.54
12/18/1986	-117.4	-15.77
2/25/1987	-117.4	-15.80
4/7/1987	-114.1	-15.21
6/9/1987	-119.2	-16.14
2/11/1986	-120.4	-16.08

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Colorado**

Station Name: **Rio Grande Near Lobatos**

Station Number **08251500**

Hydrologic Unit Code: 13010002

Drainage Area
(square miles): 7700

Latitude: 37° 04' 42"

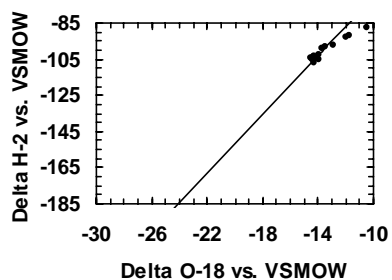
Datum (ft): 7427.63

Longitude: 105° 45' 22"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/11/1987	-93.2	-11.98
6/10/1987	-103.7	-14.24
4/7/1987	-107.1	-14.23
2/25/1987	-104.7	-14.14
12/17/1986	-105.1	-14.38
10/28/1986	-98.5	-13.41
8/29/1986	-92.4	-11.78
6/30/1986	-99.3	-13.72
4/29/1986	-102.3	-13.88
2/25/1986	-105.2	-13.92
12/23/1985	-103.7	-14.30
10/29/1985	-97.3	-12.87
8/27/1985	-87.2	-10.45
6/25/1985	-104.1	-14.53

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Colorado**

Station Name: **Gunnison River Near Grand Junction**

Station Number **09152500**

Hydrologic Unit Code: 14020005

Drainage Area
(square miles): 7928

Latitude: 38° 59' 00"

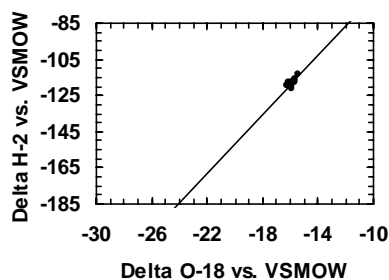
Datum (ft): 4628.12

Longitude: 108° 27' 00"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/22/1987	-117.3	-15.68
8/11/1987	-117.9	-15.94
4/29/1987	-119.5	-15.92
2/18/1987	-116.8	-15.69
11/20/1986	-119.9	-16.21
9/24/1986	-118.1	-15.90
7/16/1986	-119.4	-16.11
5/30/1986	-117.8	-15.80
3/26/1986	-115.6	-15.64
1/28/1986	-121.5	-15.87
11/26/1985	-119.1	-15.96
9/30/1985	-113.6	-15.39
7/23/1985	-118.1	-16.12
3/26/1985	-119.5	-16.05
1/31/1985	-119.5	-15.90

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Colorado**

Station Name: **Colorado River Near Colorado-Utah State Line**

Station Number **09163500**

Hydrologic Unit Code: 14010005

Drainage Area
(square miles): 17843

Latitude: 39° 07' 45"

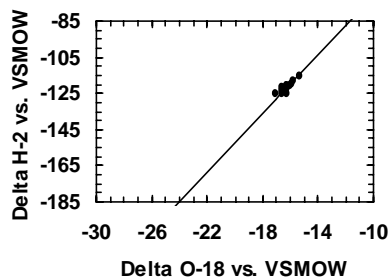
Datum (ft): 4325

Longitude: 109° 01' 36"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/15/1986	-121.4	-16.60
1/24/1985	-119.2	-15.91
3/20/1985	-125.0	-16.60
4/3/1985	-124.5	-16.30
7/10/1985	-125.2	-17.07
11/5/1985	-121.7	-16.30
12/4/1984	-122.5	-16.50
5/13/1986	-122.6	-16.26
8/25/1987	-115.4	-15.38
8/19/1986	-118.0	-15.84
10/29/1986	-120.6	-16.02
12/16/1986	-122.0	-16.34
2/25/1987	-120.8	-16.19
4/21/1987	-122.7	-16.38
6/23/1987	-123.1	-16.55
3/25/1986	-120.7	-16.21

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Colorado**

Station Name: **Yampa River Near Maybell**

Station Number **09251000**

Hydrologic Unit Code: 14050002

Drainage Area
(square miles): 3410

Latitude: 40° 30' 10"

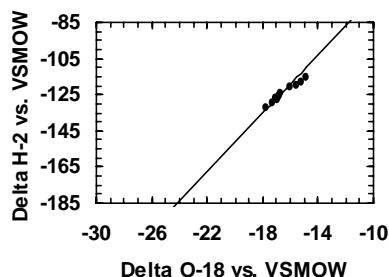
Datum (ft): 5900.23

Longitude: 108° 01' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/6/1987	-114.8	-14.80
6/3/1987	-123.8	-16.71
10/15/1986	-120.7	-16.05
8/20/1986	-119.2	-15.50
5/29/1986	-131.8	-17.69
2/28/1986	-127.1	-16.90
11/27/1985	-125.5	-16.85
8/27/1985	-117.8	-15.22
7/9/1985	-125.9	-16.81
3/7/1985	-129.5	-17.30
12/20/1984	-126.5	-17.00

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Colorado**

Station Name: **Little Snake River Near Lily**

Station Number **09260000**

Hydrologic Unit Code: 14050003

Drainage Area
(square miles): 3730

Latitude: 40° 32' 50"

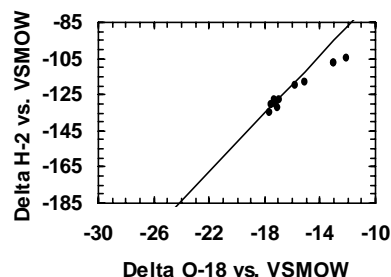
Datum (ft): 5685

Longitude: 108° 25' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/17/1987	-104.4	-12.07
6/3/1987	-119.3	-15.82
3/18/1987	-131.9	-17.03
8/20/1986	-107.3	-13.00
5/28/1986	-127.8	-17.23
2/27/1986	-130.2	-17.18
11/26/1985	-127.7	-16.94
8/20/1985	-107.2	-13.01
7/8/1985	-117.5	-15.13
3/6/1985	-134.5	-17.60
12/19/1984	-130.0	-17.50

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Colorado**

Station Name: **Vallecito Creek Near Bayfield**

Station Number **09352900**

Hydrologic Unit Code: 14080101

Drainage Area
(square miles): 72.1

Latitude: 37° 28' 39"

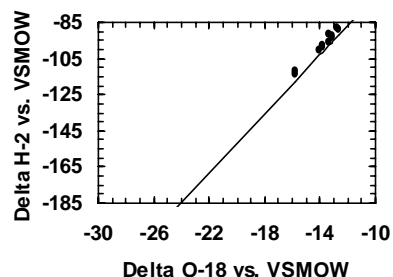
Datum (ft): 7906.08

Longitude: 107° 32' 35"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/31/1987	-97.2	-13.82
6/3/1987	-111.9	-15.84
2/2/1987	-95.3	-13.33
10/21/1986	-87.8	-12.72
8/26/1986	-88.3	-12.66
5/19/1986	-99.7	-14.01
3/10/1986	-91.4	-13.31
11/25/1985	-93.0	-13.06
8/20/1985	-98.1	-13.82
6/26/1985	-113.0	-15.79
1/15/1985	-92.0	-13.15

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Connecticut**

Station Name: **Shetucket River At South Windham**

Station Number **01122610**

Hydrologic Unit Code: 01100002

Drainage Area
(square miles): 408

Latitude: 41° 40' 56"

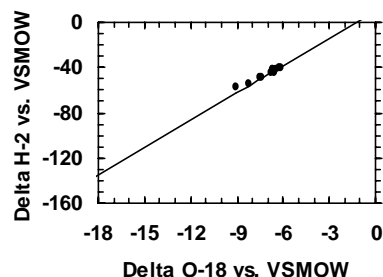
Datum (ft):

Longitude: 72° 09' 59"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/8/1987	-44.0	-6.79
5/13/1987	-53.3	-8.25
1/20/1987	-57.1	-9.05
7/10/1986	-39.8	-6.12
5/20/1986	-41.3	-6.69
1/17/1986	-40.2	-6.26
11/15/1985	-40.7	-6.49
7/12/1985	-43.5	-6.58
5/17/1985	-48.1	-7.35
1/15/1985	-48.2	-7.51
11/14/1984	-41.7	-6.64

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Connecticut**

Station Name: **Quinebaug River At Jewett City**

Station Number **01127000**

Hydrologic Unit Code: 01100001

Drainage Area
(square miles): 715

Latitude: 41° 35' 52"

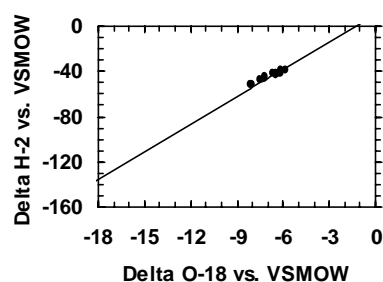
Datum (ft): 63.07

Longitude: 71° 59' 05"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/9/1987	-42.3	-6.40
5/15/1987	-51.4	-7.98
1/14/1987	-51.3	-8.14
11/18/1986	-37.7	-5.82
7/9/1986	-41.0	-6.16
5/13/1986	-40.7	-6.43
1/16/1986	-43.3	-7.21
11/18/1985	-37.7	-6.11
7/9/1985	-40.9	-6.20
5/15/1985	-44.6	-7.19
1/18/1985	-46.2	-7.46
11/20/1984	-40.7	-6.64

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Connecticut**

Station Name: **Connecticut River At Thompsonville**

Station Number **01184000**

Hydrologic Unit Code: 01080205

Drainage Area
(square miles): 9661

Latitude: 41° 59' 14"

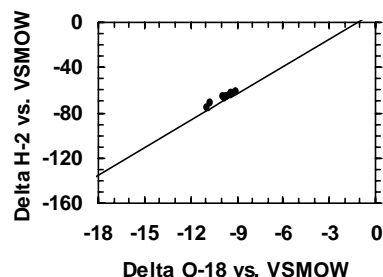
Datum (ft): 38.48

Longitude: 72° 36' 21"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/7/1987	-62.5	-9.28
5/12/1987	-74.3	-10.92
1/13/1987	-65.1	-9.92
11/18/1986	-62.5	-9.36
7/7/1986	-60.3	-9.10
5/14/1986	-71.2	-10.69
1/15/1986	-62.4	-9.40
7/8/1985	-66.7	-9.77
1/14/1985	-64.6	-9.68
11/15/1984	-63.8	-9.32
		-10.87

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Connecticut**

Station Name: **Housatonic River At Stevenson**

Station Number **01205500**

Hydrologic Unit Code: 01100005

Drainage Area
(square miles): 1541

Latitude: 41° 23' 02"

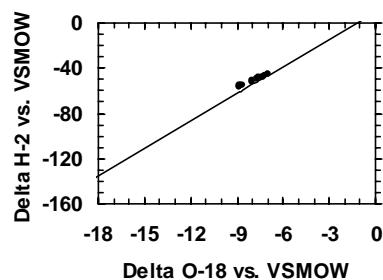
Datum (ft): 24.98

Longitude: 73° 10' 05"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/3/1987	-49.8	-7.74
7/10/1987	-52.3	-7.99
5/19/1987	-54.7	-8.68
3/10/1987	-56.1	-8.83
1/20/1987	-56.3	-8.87
9/3/1986	-47.0	-7.15
7/15/1986	-48.3	-7.55
5/14/1986	-51.7	-8.02
3/12/1986	-55.8	-8.86
1/16/1986	-49.5	-7.75
11/19/1985	-45.9	-7.02
3/14/1985	-54.8	-8.77
1/14/1985	-47.8	-7.38
11/15/1984	-48.8	-7.32

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **District of Columbia**

Station Name: **Potomac River At Chain Bridge At Washington**

Station Number **01646580**

Hydrologic Unit Code: 02070010

Drainage Area
(square miles): 11570

Latitude: 38° 55' 46"

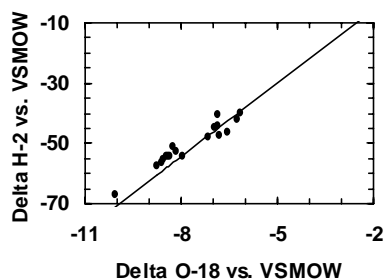
Datum (ft):

Longitude: 77° 07' 02"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/6/1986	-54.3	-7.95
3/18/1985	-56.0	-8.60
5/6/1985	-55.4	-8.54
7/8/1985	-47.5	-7.15
9/4/1985	-44.2	-6.84
11/5/1985	-40.2	-6.84
11/7/1985	-50.7	-8.27
1/14/1985	-54.0	-8.35
3/5/1986	-53.9	-8.46
9/9/1987	-40.0	-6.14
7/2/1986	-46.0	-6.54
9/3/1986	-42.0	-6.27
11/4/1986	-47.1	-6.82
1/6/1987	-54.3	-8.41
3/2/1987	-67.1	-10.05
5/11/1987	-57.4	-8.75
7/7/1987	-44.6	-6.97
1/9/1986	-52.7	-8.17

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Florida**

Station Name: **St. Johns River Near Deland**

Station Number **02236000**

Hydrologic Unit Code: 03080101

Drainage Area
(square miles): 3066

Latitude: 29° 00' 29"

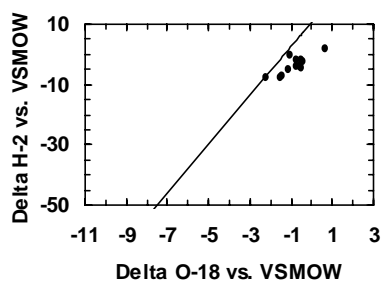
Datum (ft): 0

Longitude: 81° 22' 58"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/1/1987	2.2	.63
6/30/1987	-2.5	-.41
5/4/1987	-7.1	-1.43
2/9/1987	-4.7	-1.12
1/12/1987	-1.8	-.49
1/6/1987	-1.9	-.74
8/19/1986	-4.5	-.52
7/28/1986	-3.9	-.76
5/28/1986	-3.9	-.56
3/26/1986	-7.4	-1.51
1/28/1986	-7.7	-2.19
12/3/1985	-.3	-1.03

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Florida**

Station Name: **Fisheating Creek At Palmdale**

Station Number **02256500**

Hydrologic Unit Code: 03090103

Drainage Area 311
(square miles):

Latitude: 26° 55' 56"

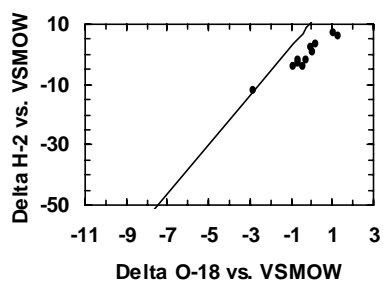
Datum (ft): 27.19

Longitude: 81° 18' 54"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/31/1987	7.5	1.09
6/29/1987	11.0	2.34
5/6/1987	6.1	1.27
3/5/1987	1.1	.07
2/4/1987	-1.8	-.67
1/7/1987	-11.7	-2.86
8/18/1986	-3.6	-.90
7/29/1986	-2.5	-.69
7/21/1986	-3.8	-.46
4/2/1986	2.7	-.04
2/5/1986	3.5	.22
10/30/1985	-1.9	-.25

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Florida**

Station Name: **Alafia River At Lithia**

Station Number **02301500**

Hydrologic Unit Code: 03100204

Drainage Area
(square miles): 335

Latitude: 27° 52' 19"

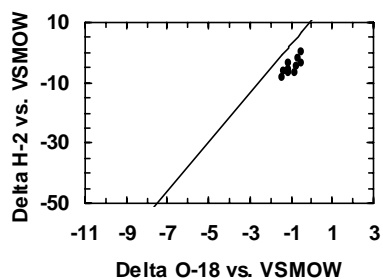
Datum (ft): 7

Longitude: 82° 12' 41"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/29/1987	-3.4	-.47
6/23/1987	.3	-.49
3/24/1987	-1.5	-.69
12/16/1986	-6.1	-1.36
9/23/1986	-4.4	-.76
8/6/1986	-5.2	-1.14
6/4/1986	-6.4	-.83
3/18/1986	-3.1	-1.15
2/7/1986	-6.3	-1.10
12/5/1985	-7.9	-1.40

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Florida**

Station Name: **Sopchoppy River Near Sopchoppy**

Station Number **02327100**

Hydrologic Unit Code: 03120003

Drainage Area
(square miles): 102

Latitude: 30° 07' 45"

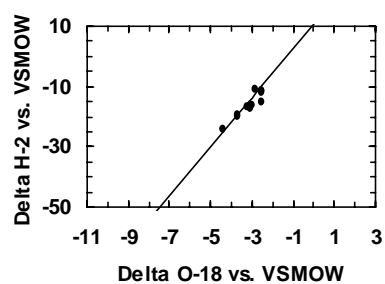
Datum (ft): 0

Longitude: 84° 29' 40"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/27/1987	-19.2	-3.72
5/8/1987	-16.6	-3.22
2/17/1987	-10.7	-2.83
11/5/1986	-17.1	-3.10
8/1/1986	-11.6	-2.52
4/28/1986	-14.9	-2.49
1/31/1986	-19.6	-3.66
10/31/1985	-23.9	-4.40
8/13/1985	-16.5	-3.14
4/19/1985	-11.2	-2.50
2/15/1985	-11.2	-2.51
11/7/1984	-16.1	-3.01

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Florida**

Station Name: **Choctawhatchee River Near Bruce**

Station Number **02366500**

Hydrologic Unit Code: 03140203

Drainage Area
(square miles): 4384

Latitude: 30° 27' 03"

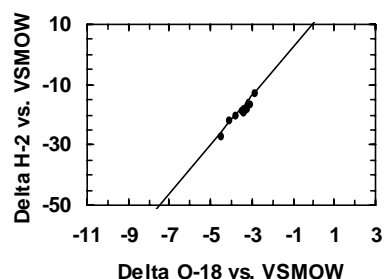
Datum (ft): 3.94

Longitude: 85° 53' 54"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/21/1987	-27.2	-4.50
5/1/1987	-18.8	-3.46
2/19/1987	-22.0	-4.04
10/30/1986	-16.4	-3.15
8/7/1986	-16.3	-3.06
4/30/1986	-18.1	-3.20
2/6/1986	-20.4	-3.73
8/9/1985	-19.3	-3.40
4/26/1985	-18.1	-3.33
2/8/1985	-12.7	-2.87
11/4/1984	-19.4	-3.41

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Florida**

Station Name: **Perdido River At Barrineau Park**

Station Number **02376500**

Hydrologic Unit Code: 03140106

Drainage Area
(square miles): 394

Latitude: 30° 41' 25"

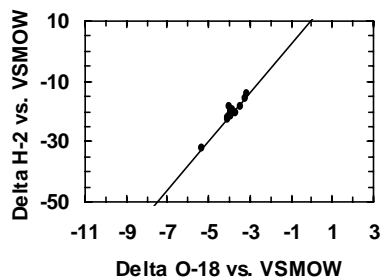
Datum (ft): 25.77

Longitude: 87° 26' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
2/4/1986	-22.5	-4.08
12/13/1984	-19.3	-3.87
2/6/1985	-15.2	-3.25
4/25/1985	-20.2	-3.69
6/19/1985	-32.0	-5.31
8/8/1985	-20.9	-3.92
11/1/1984	-19.8	-3.95
12/10/1985	-21.1	-3.95
8/19/1987	-18.2	-4.00
8/5/1986	-18.0	-3.49
10/28/1986	-13.9	-3.16
12/12/1986	-20.5	-3.93
2/21/1987	-21.6	-4.06
4/29/1987	-20.0	-3.84
7/1/1987	-21.6	-4.01
10/22/1985	-20.1	-3.88

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Georgia**

Station Name: **Ogeechee River Near Eden**

Station Number **02202500**

Hydrologic Unit Code: 03060202

Drainage Area
(square miles): 2650

Latitude: 32° 11' 29"

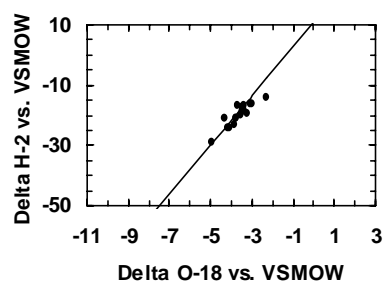
Datum (ft): 19.64

Longitude: 81° 24' 58"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/21/1986	-13.9	-2.26
3/19/1985	-16.5	-3.37
5/15/1985	-18.4	-3.49
7/17/1985	-17.9	-3.36
8/21/1985	-17.0	-3.42
10/2/1985	-18.9	-3.46
1/13/1986	-23.8	-4.12
1/8/1985	-16.5	-3.67
6/12/1986	-19.4	-3.25
8/17/1987	-15.9	-3.09
8/18/1986	-16.0	-2.96
11/17/1986	-20.8	-3.80
1/6/1987	-28.6	-4.95
3/10/1987	-21.0	-4.34
5/13/1987	-22.8	-3.82
7/13/1987	-24.2	-4.07
7/14/1987	-19.6	-3.52
3/3/1986	-20.6	-3.79

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Georgia**

Station Name: **Falling Creek Near Juliette**

Station Number **02212600**

Hydrologic Unit Code: 03070103

Drainage Area
(square miles): 72.2

Latitude: 33° 05' 59"

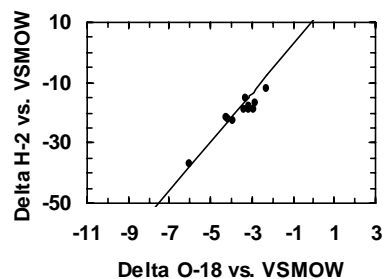
Datum (ft): 370

Longitude: 83° 43' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/17/1987	-18.7	-3.17
5/13/1987	-22.2	-3.89
1/6/1987	-36.9	-6.00
11/17/1986	-18.6	-3.36
8/17/1986	-12.0	-2.26
6/10/1986	-16.3	-2.87
1/13/1986	-21.7	-4.15
10/3/1985	-18.7	-2.95
8/21/1985	-17.6	-3.13
5/15/1985	-15.1	-3.32
1/8/1985	-21.5	-4.23

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Georgia**

Station Name: **Altamaha River At Everett City**

Station Number **02226160**

Hydrologic Unit Code: 03070106

Drainage Area
(square miles): 14000

Latitude: 31° 25' 37"

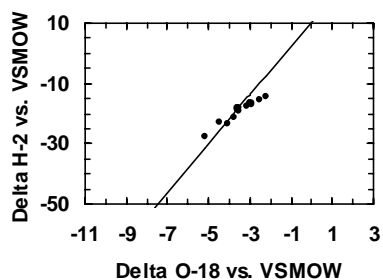
Datum (ft): -0.08

Longitude: 81° 36' 20"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/18/1987	-17.0	-2.88
5/14/1987	-23.2	-4.09
3/11/1987	-23.1	-4.49
1/7/1987	-27.9	-5.19
11/18/1986	-16.5	-3.02
8/19/1986	-15.5	-2.50
7/22/1986	-14.4	-2.23
6/11/1986	-16.5	-2.90
3/4/1986	-19.2	-3.53
1/14/1986	-21.4	-3.76
10/3/1985	-16.8	-2.97
8/22/1985	-17.4	-3.12
5/16/1985	-18.5	-3.58
3/20/1985	-18.1	-3.51
1/9/1985	-18.3	-3.58

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Georgia**

Station Name: **Satilla River At Atkinson**

Station Number **02228000**

Hydrologic Unit Code: 03070201

Drainage Area
(square miles): 2790

Latitude: 31° 13' 16"

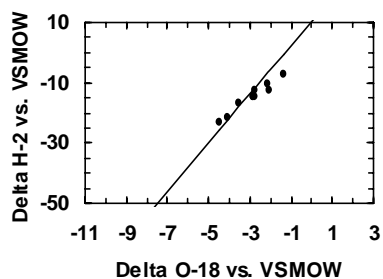
Datum (ft): 14.79

Longitude: 81° 52' 03"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/18/1987	-10.4	-2.14
5/14/1987	-14.5	-2.87
1/7/1987	-22.9	-4.48
8/14/1986	-7.1	-1.38
6/11/1986	-12.5	-2.06
1/14/1986	-21.1	-4.06
10/3/1985	-12.5	-2.79
8/22/1985	-16.7	-3.50
5/16/1985	-14.2	-2.77
1/9/1985	-14.5	-2.84

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Georgia**

Station Name: **Flint River At Newton**

Station Number **02353000**

Hydrologic Unit Code: 03130008

Drainage Area
(square miles): 5740

Latitude: 31° 18' 34"

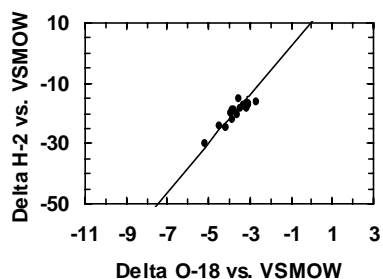
Datum (ft): 110.2

Longitude: 84° 20' 06"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/3/1986	-16.6	-3.07
2/27/1985	-18.9	-3.81
5/3/1985	-15.1	-3.57
7/11/1985	-17.3	-3.30
8/15/1985	-18.4	-3.47
10/10/1985	-17.7	-3.21
1/11/1986	-24.6	-4.14
1/16/1985	-19.7	-3.94
6/3/1986	-17.0	-3.08
9/1/1987	-18.0	-3.17
8/6/1986	-15.9	-2.68
10/24/1986	-16.4	-3.13
1/27/1987	-29.6	-5.18
3/26/1987	-23.9	-4.43
5/21/1987	-18.6	-3.76
7/22/1987	-21.7	-3.81
3/25/1986	-20.1	-3.62

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Hawaii**

Station Name: **Waimea River Near Waimea, Kauai**

Station Number **16031000**

Hydrologic Unit Code: 20070000

Drainage Area
(square miles): 57.8

Latitude: 21° 59' 02"

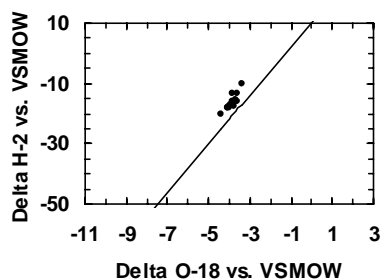
Datum (ft): 19.7

Longitude: 159° 39' 47"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/10/1987	-17.9	-3.99
4/13/1987	-10.0	-3.41
2/9/1987	-16.1	-3.82
12/18/1986	-18.1	-4.03
10/21/1986	-13.6	-3.59
8/11/1986	-17.3	-3.89
4/15/1986	-13.4	-3.82
2/18/1986	-15.6	-3.67
12/9/1985	-18.1	-4.08
10/15/1985	-16.0	-3.70
8/12/1985	-16.2	-3.58
6/10/1985	-17.6	-3.77
4/8/1985	-16.5	-3.85
2/11/1985	-20.5	-4.40
12/10/1984	-18.0	-4.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Hawaii**

Station Name: **Waikele Stream At Waipahu, Oahu**

Station Number **16213000**

Hydrologic Unit Code: 20060000

Drainage Area
(square miles): 45.7

Latitude: 21° 23' 11"

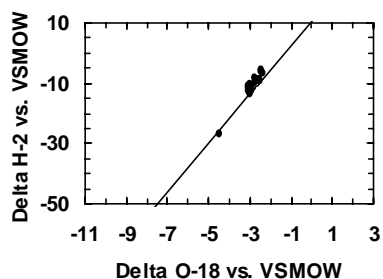
Datum (ft): 1.37

Longitude: 158° 00' 49"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/24/1986	-9.3	-2.50
2/25/1985	-12.5	-2.95
4/30/1985	-8.5	-2.50
6/25/1985	-10.4	-3.06
8/27/1985	-11.1	-3.05
10/29/1985	-10.4	-3.00
12/16/1985	-12.2	-3.04
12/26/1984	-26.5	-4.50
4/29/1986	-11.2	-2.93
8/25/1987	-9.6	-2.73
8/18/1986	-5.3	-2.48
10/14/1986	-8.1	-2.79
12/29/1986	-8.4	-2.63
2/9/1987	-13.1	-2.97
4/20/1987	-5.8	-2.43
7/14/1987	-6.4	-2.40
2/25/1986	-12.9	-2.99

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Hawaii**

Station Name: **Kalihi Stream At Kalihi, Oahu**

Station Number **16229300**

Hydrologic Unit Code: 20060000

Drainage Area
(square miles): 5.18

Latitude: 21° 20' 29"

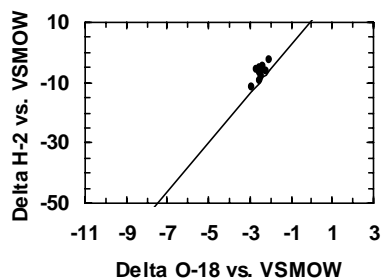
Datum (ft): 70

Longitude: 157° 52' 36"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/25/1987	-7.6	-2.44
4/20/1987	-5.9	-2.48
2/9/1987	-5.4	-2.55
10/14/1986	-6.4	-2.53
8/19/1986	-5.1	-2.50
4/28/1986	-4.1	-2.33
2/25/1986	-6.1	-2.25
10/29/1985	-5.5	-2.69
8/27/1985	-2.4	-2.08
4/30/1985	-11.5	-2.90
2/25/1985	-9.0	-2.50

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Hawaii**

Station Name: **Halawa Stream Near Halawa, Molokai**

Station Number **16400000**

Hydrologic Unit Code: 20050000

Drainage Area
(square miles): 4.62

Latitude: 21° 09' 31"

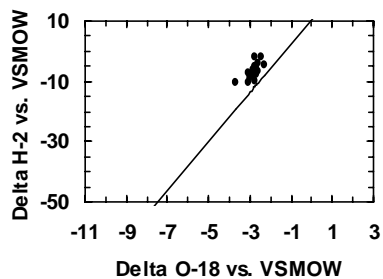
Datum (ft): 210

Longitude: 156° 45' 53"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/20/1986	-4.5	-2.33
2/25/1985	-10.0	-3.10
4/15/1985	-9.5	-2.75
6/3/1985	-5.1	-2.70
8/26/1985	-3.7	-2.62
10/15/1985	-5.9	-2.81
12/3/1984	-7.5	-2.95
2/3/1986	-1.8	-2.47
8/24/1987	-7.6	-2.67
7/15/1986	-8.8	-3.00
9/9/1986	-7.7	-2.81
10/28/1986	-1.6	-2.77
12/16/1986	-6.7	-2.62
2/2/1987	-4.6	-2.74
4/27/1987	-10.3	-3.68
12/9/1985	-7.2	-3.08

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Hawaii**

Station Name: **Kahakuloa Stream Near Honokohau, Maui**

Station Number **16618000**

Hydrologic Unit Code: 20020000

Drainage Area
(square miles): 3.47

Latitude: 20° 58' 54"

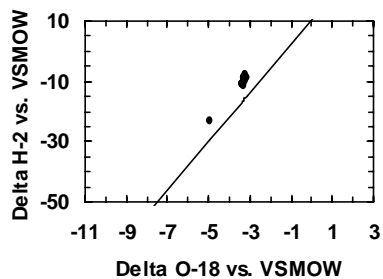
Datum (ft): 330

Longitude: 156° 33' 26"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/10/1986	-9.4	-3.25
2/4/1985	-10.0	-3.30
4/1/1985	-10.5	-3.30
6/10/1985	-10.5	-3.41
8/12/1985	-10.8	-3.37
10/7/1985	-9.8	-3.33
12/10/1984	-9.0	-3.25
2/18/1986	-7.7	-3.22
8/11/1987	-11.2	-3.32
6/9/1986	-9.1	-3.20
8/12/1986	-10.0	-3.26
10/6/1986	-8.8	-3.16
12/8/1986	-10.9	-3.38
2/17/1987	-23.0	-4.96
4/6/1987	-8.7	-3.28
12/16/1985	-8.7	-3.28

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Hawaii**

Station Name: **Wailuku River At Hilo, Hawaii**

Station Number **16713000**

Hydrologic Unit Code: 20010000

Drainage Area
(square miles): 256

Latitude: 19° 43' 43"

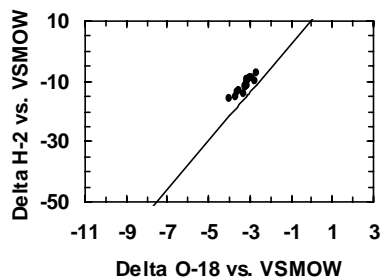
Datum (ft): 80

Longitude: 155° 05' 40"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/17/1986	-8.5	-2.96
2/13/1985	-8.5	-2.90
4/10/1985	-14.0	-3.30
6/18/1985	-10.0	-3.14
9/3/1985	-11.0	-3.15
12/16/1985	-9.9	-2.75
12/12/1984	-9.0	-3.10
5/12/1986	-11.0	-3.21
8/18/1987	-11.3	-3.14
8/18/1986	-12.7	-3.51
10/27/1986	-15.4	-3.98
12/8/1986	-13.5	-3.64
2/23/1987	-15.0	-3.66
4/20/1987	-9.2	-3.13
6/22/1987	-11.6	-3.21
2/24/1986	-7.2	-2.70

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Hawaii**

Station Name: **Honolii Stream Near Papaikou, Hawaii**

Station Number **16717000**

Hydrologic Unit Code: 20010000

Drainage Area
(square miles): 11.6

Latitude: 19° 46' 00"

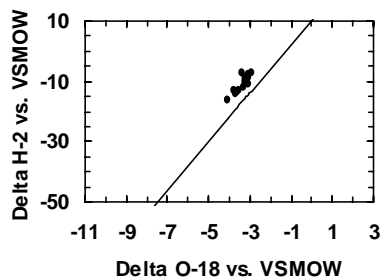
Datum (ft): 1540

Longitude: 155° 09' 16"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/12/1986	-9.8	-3.26
2/13/1985	-10.0	-3.15
4/10/1985	-13.0	-3.50
6/18/1985	-8.7	-3.17
9/3/1985	-8.6	-3.20
10/29/1985	-11.8	-3.31
12/12/1984	-7.0	-3.35
2/24/1986	-7.7	-3.10
8/18/1987	-10.8	-3.06
6/17/1986	-8.6	-3.05
8/18/1986	-13.5	-3.60
10/27/1986	-16.0	-4.09
12/8/1986	-13.1	-3.74
2/23/1987	-14.0	-3.72
4/20/1987	-6.9	-2.94
12/16/1985	-10.0	-3.20

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Idaho**

Station Name: **Kootenai River At Porthill**

Station Number **12322000**

Hydrologic Unit Code: 17010104

Drainage Area
(square miles): 13700

Latitude: 49° 00' 00"

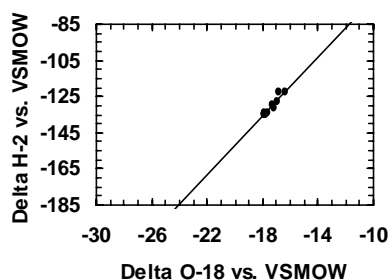
Datum (ft): 1700

Longitude: 116° 30' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
10/3/1986	-130.8	-17.12
7/25/1986	-134.6	-17.69
6/18/1986	-127.4	-16.97
4/1/1986	-122.1	-16.36
1/6/1986	-133.9	-17.83
11/26/1985	-134.9	-17.83
9/23/1985	-134.6	-17.82
7/18/1985	-129.5	-17.25
6/4/1985	-122.6	-16.78
3/19/1985	-133.6	-17.69
1/31/1985	-134.6	-17.83
11/30/1984	-134.5	-17.84

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Idaho**

Station Name: **Couer D'alene River At Cataldo**

Station Number **12413500**

Hydrologic Unit Code: 17010303

Drainage Area
(square miles): 1223

Latitude: 47° 33' 50"

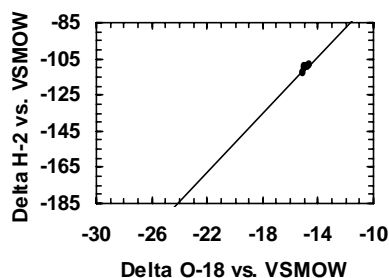
Datum (ft): 2100

Longitude: 116° 18' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/2/1987	-109.3	-14.69
7/7/1987	-107.8	-14.67
5/15/1987	-108.6	-14.94
3/31/1987	-108.9	-14.82
1/27/1987	-110.2	-15.01
11/12/1986	-112.4	-15.07

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Idaho**

Station Name: **Hayden Creek Below North Fork, Near Hayden Lake**

Station Number **12416000**

Hydrologic Unit Code: 17010305

Drainage Area
(square miles): 22

Latitude: 47° 49' 22"

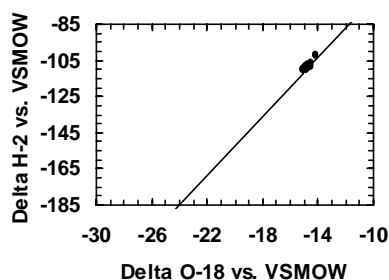
Datum (ft): 2370

Longitude: 116° 39' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/3/1987	-108.2	-14.56
5/13/1987	-106.1	-14.51
3/4/1987	-101.8	-14.19
11/13/1986	-108.2	-14.83
9/16/1986	-109.9	-14.84
6/13/1986	-108.3	-14.62
3/4/1986	-107.3	-14.70
12/4/1985	-108.7	-14.78
9/24/1985	-108.6	-14.74
5/17/1985	-109.4	-15.14
3/21/1985	-109.3	-14.99
11/19/1984	-108.2	-14.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Idaho**

Station Name: **Snake River Near Heise**

Station Number **13037500**

Hydrologic Unit Code: 17040104

Drainage Area
(square miles): 5752

Latitude: 43° 36' 45"

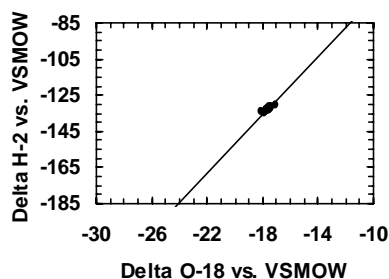
Datum (ft): 5015.3

Longitude: 111° 39' 33"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/9/1986	-133.5	-17.77
1/9/1985	-132.5	-17.51
3/20/1985	-132.4	-17.62
5/17/1985	-133.6	-17.71
7/19/1985	-134.3	-17.81
9/17/1985	-132.4	-17.55
11/11/1985	-131.2	-17.41
11/14/1984	-132.2	-17.38
3/26/1986	-131.6	-17.44
9/17/1987	-129.8	-17.11
7/18/1986	-133.9	-18.06
9/19/1986	-132.8	-17.73
11/21/1986	-132.8	-17.49
1/15/1987	-132.0	-17.62
3/18/1987	-133.2	-17.73
5/22/1987	-133.2	-17.58
7/17/1987	-131.2	-17.46
1/15/1986	-131.4	-17.45

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Idaho**

Station Name: **Snake River At King Hill**

Station Number **13154500**

Hydrologic Unit Code: 17040212

Drainage Area
(square miles): 35800

Latitude: 43° 00' 08"

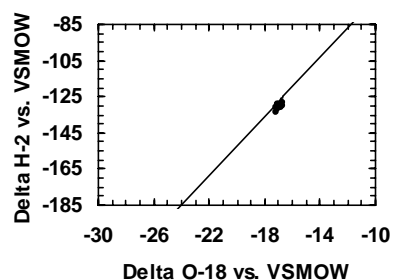
Datum (ft): 2492.3

Longitude: 115° 12' 06"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/10/1987	-129.9	-16.76
7/28/1987	-131.0	-16.98
5/27/1987	-132.1	-17.07
3/18/1987	-133.3	-17.18
1/21/1987	-131.3	-17.12
11/14/1986	-128.2	-16.69
9/9/1986	-131.1	-16.77
7/8/1986	-129.2	-17.06

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Idaho**

Station Name: **Below Jacks Creek Near Bruneau**

Station Number **13169500**

Hydrologic Unit Code: 17050102

Drainage Area
(square miles): 253

Latitude: 42° 47' 06"

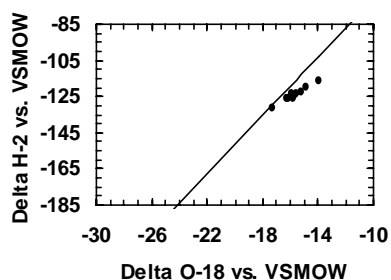
Datum (ft): 2810

Longitude: 115° 59' 00"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/11/1987	-115.8	-13.94
5/26/1987	-119.1	-14.82
3/17/1987	-126.0	-16.11
11/13/1986	-125.7	-15.82
9/8/1986	-122.0	-15.17
5/6/1986	-124.1	-15.91
2/24/1986	-130.6	-17.25
11/5/1985	-123.6	-15.72
9/4/1985	-123.0	-15.59
5/8/1985	-124.7	-15.95
3/6/1985	-125.6	-16.25
11/14/1984	-123.4	-15.95

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Idaho**

Station Name: **Boise River Near Parma**

Station Number **13213000**

Hydrologic Unit Code: 17050114

Drainage Area
(square miles): 3970

Latitude: 43° 46' 54"

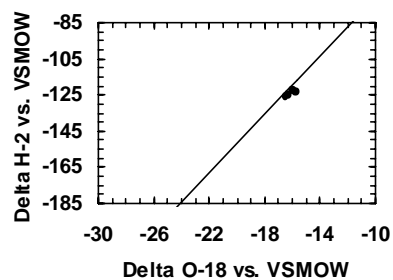
Datum (ft): 2196

Longitude: 116° 58' 17"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/9/1987	-122.9	-15.77
7/27/1987	-122.2	-15.88
5/28/1987	-122.3	-16.06
3/19/1987	-122.6	-15.70
1/22/1987	-125.1	-16.27
11/12/1986	-125.5	-16.47

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Idaho**

Station Name: **Snake River At Weiser**

Station Number **13269000**

Hydrologic Unit Code: 17050124

Drainage Area
(square miles): 69200

Latitude: 44° 14' 44"

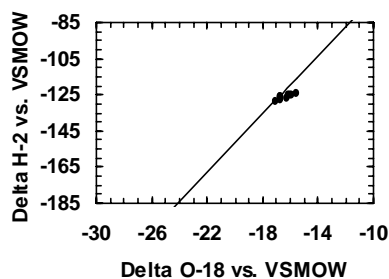
Datum (ft): 2086.64

Longitude: 116° 58' 48"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/22/1986	-123.7	-15.58
7/14/1986	-125.1	-16.05
5/23/1986	-126.8	-16.75
11/18/1985	-126.8	-16.23
9/23/1985	-124.5	-16.10
7/22/1985	-125.2	-15.91
5/23/1985	-125.5	-16.75
3/28/1985	-126.1	-16.75
1/24/1985	-128.8	-17.00
11/30/1984	-127.4	-16.75

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Idaho**

Station Name: **Salmon River At Whitebird**

Station Number **13317000**

Hydrologic Unit Code: 17060209

Drainage Area
(square miles): 13550

Latitude: 45° 45' 01"

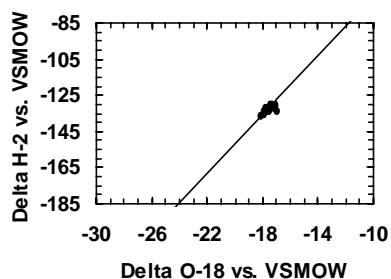
Datum (ft): 1412.65

Longitude: 116° 19' 23"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/20/1986	-130.5	-17.39
1/22/1985	-136.7	-18.05
3/26/1985	-133.5	-17.75
5/21/1985	-131.6	-17.80
7/25/1985	-131.1	-17.22
9/26/1985	-131.7	-17.19
11/21/1985	-134.0	-17.61
11/27/1984	-133.9	-17.90
3/25/1986	-129.8	-17.32
9/1/1987	-130.7	-17.01
7/17/1986	-131.1	-17.29
9/5/1986	-133.3	-16.95
11/6/1986	-134.1	-17.55
1/27/1987	-135.6	-17.89
3/10/1987	-133.4	-17.55
7/14/1987	-130.1	-17.08
1/15/1986	-134.0	-17.74

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Idaho**

Station Name: **Clearwater River At Spalding**

Station Number **13342500**

Hydrologic Unit Code: 17060306

Drainage Area
(square miles): 9570

Latitude: 46° 26' 55"

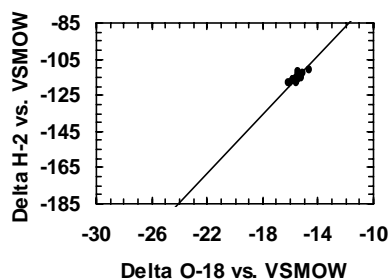
Datum (ft): 770.5

Longitude: 116° 49' 35"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/8/1986	-118.2	-16.01
1/24/1985	-113.1	-15.46
3/11/1985	-114.7	-15.49
5/14/1985	-118.1	-16.10
7/17/1985	-115.9	-15.79
9/27/1985	-113.9	-15.15
11/23/1985	-114.4	-15.36
11/29/1984	-111.7	-15.42
3/12/1986	-116.6	-15.60
9/4/1987	-112.0	-15.04
7/18/1986	-117.9	-15.51
9/25/1986	-113.3	-15.37
1/13/1987	-115.3	-15.58
3/24/1987	-115.4	-15.16
5/29/1987	-115.6	-15.72
7/28/1987	-110.6	-14.65
1/8/1986	-115.9	-15.48

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Illinois**

Station Name: **Illinois River At Marseilles**

Station Number **05543500**

Hydrologic Unit Code: 07120005

Drainage Area
(square miles): 8259

Latitude: 41° 19' 40"

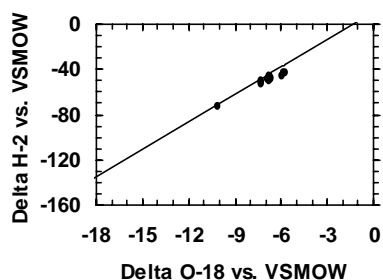
Datum (ft): 462.91

Longitude: 88° 43' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/10/1987	-42.7	-5.73
4/14/1987	-49.5	-6.79
2/25/1987	-51.0	-7.23
11/19/1986	-47.9	-6.70
8/19/1986	-45.1	-5.93
4/22/1986	-48.7	-6.85
2/25/1986	-71.8	-10.05
11/18/1985	-44.7	-6.79
8/26/1985	-42.3	-5.86
4/22/1985	-49.5	-7.26
2/21/1985	-52.7	-7.25
11/6/1984	-46.8	-6.64

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Illinois**

Station Name: **Big Muddy River At Murphysboro**

Station Number **05599500**

Hydrologic Unit Code: 07140106

Drainage Area
(square miles): 2169

Latitude: 37° 44' 55"

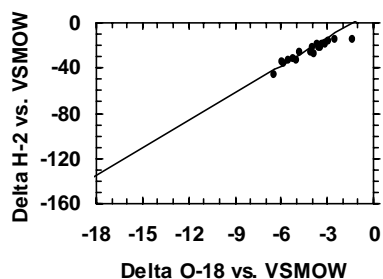
Datum (ft): 335.5

Longitude: 89° 20' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/16/1986	-18.8	-3.33
1/9/1985	-31.3	-5.24
2/27/1985	-33.8	-5.95
4/23/1985	-32.4	-5.53
7/17/1985	-25.6	-4.03
8/28/1985	-18.7	-3.12
11/20/1985	-18.5	-3.59
11/7/1984	-26.0	-4.75
2/25/1986	-21.7	-3.41
8/26/1987	-13.5	-1.37
6/4/1986	-45.6	-6.47
7/15/1986	-21.8	-3.92
8/26/1986	-14.1	-2.46
11/19/1986	-26.5	-3.89
1/7/1987	-32.1	-5.01
4/15/1987	-35.7	-5.82
7/15/1987	-15.0	-2.93
1/6/1986	-21.4	-3.54

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Indiana**

Station Name: **Whitewater River Near Alpine**

Station Number **03275000**

Hydrologic Unit Code: 05080003

Drainage Area
(square miles): 522

Latitude: 39° 34' 46"

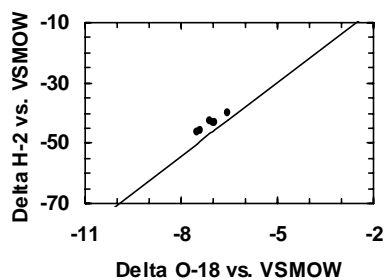
Datum (ft): 750.19

Longitude: 85° 09' 29"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/18/1987	-42.9	-6.96
6/30/1987	-39.9	-6.54
4/30/1987	-42.9	-7.01
2/18/1987	-45.6	-7.38
12/4/1986	-46.0	-7.52
10/29/1986	-42.6	-7.09

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Indiana**

Station Name: **Whitewater River At Brookville**

Station Number **03276500**

Hydrologic Unit Code: 05080003

Drainage Area
(square miles): 1224

Latitude: 39° 24' 24"

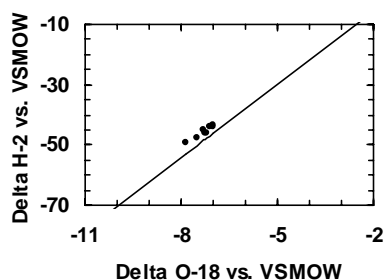
Datum (ft): 595.71

Longitude: 85° 00' 46"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/2/1986	-43.5	-7.00
6/9/1986	-44.2	-7.12
3/10/1986	-45.2	-7.29
12/18/1985	-43.8	-7.00
9/16/1985	-45.9	-7.24
6/18/1985	-46.2	-7.20
3/25/1985	-49.5	-7.85
12/11/1984	-47.5	-7.50

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Indiana**

Station Name: **South Hogan Creek Near Dillsboro**

Station Number **03276700**

Hydrologic Unit Code: 05090203

Drainage Area
(square miles): 38.1

Latitude: 39° 01' 47"

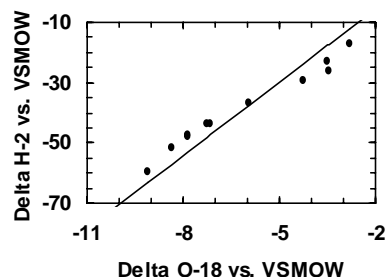
Datum (ft): 571

Longitude: 85° 02' 17"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/19/1987	-16.7	-2.80
6/30/1987	-28.9	-4.24
3/19/1987	-51.5	-8.38
12/3/1986	-47.2	-7.84
9/2/1986	-22.6	-3.50
6/10/1986	-36.5	-5.93
3/11/1986	-43.3	-7.23
12/19/1985	-43.5	-7.15
9/17/1985	-25.8	-3.47
3/26/1985	-47.5	-7.85
12/11/1984	-59.5	-9.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Indiana**

Station Name: **Wabash River At New Harmony**

Station Number **03378500**

Hydrologic Unit Code: 05120113

Drainage Area
(square miles): 29234

Latitude: 38° 07' 55"

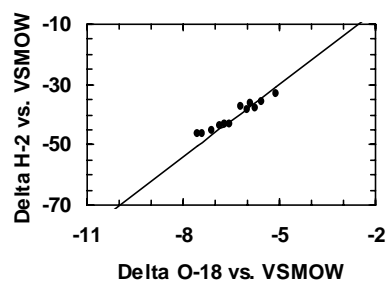
Datum (ft):

Longitude: 87° 56' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/20/1987	-33.0	-5.11
5/19/1987	-38.2	-6.02
3/30/1987	-42.8	-6.71
12/2/1986	-45.0	-7.09
9/4/1986	-37.5	-5.76
6/11/1986	-43.4	-6.83
3/12/1986	-46.2	-7.54
12/12/1985	-37.1	-6.21
9/18/1985	-35.3	-5.56
6/20/1985	-42.9	-6.56
3/27/1985	-46.0	-7.40
10/25/1984	-36.0	-5.90

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Iowa**

Station Name: **Skunk River At Augusta**

Station Number **05474000**

Hydrologic Unit Code: 07080107

Drainage Area
(square miles): 4303

Latitude: 40° 45' 13"

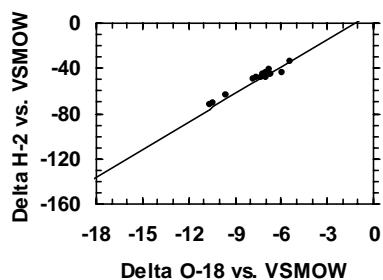
Datum (ft): 521.24

Longitude: 91° 16' 40"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/4/1987	-47.6	-6.92
2/25/1987	-48.1	-7.29
10/28/1986	-71.8	-10.65
8/26/1986	-45.9	-6.69
7/1/1986	-41.6	-6.73
5/14/1986	-44.1	-6.99
2/26/1986	-71.3	-10.37
12/16/1985	-48.5	-7.61
10/23/1985	-46.0	-7.23
9/6/1985	-33.9	-5.46
7/2/1985	-43.7	-5.95
5/7/1985	-46.0	-6.80
2/27/1985	-64.0	-9.60
12/20/1984	-49.5	-7.80
10/26/1984	-46.0	-7.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Iowa**

Station Name: **Big Sioux River At Akron**

Station Number **06485500**

Hydrologic Unit Code: 10170203

Drainage Area
(square miles): 9030

Latitude: 42° 50' 14"

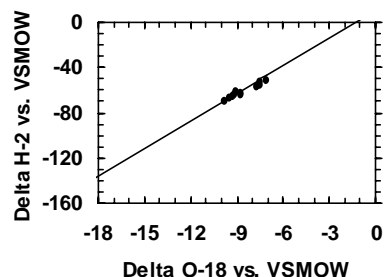
Datum (ft): 1118.9

Longitude: 96° 33' 41"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/27/1987	-57.2	-7.71
5/21/1987	-55.1	-7.46
2/23/1987	-60.6	-9.07
11/6/1986	-62.4	-8.76
5/21/1986	-52.7	-7.49
2/19/1986	-66.5	-9.51
12/4/1985	-64.1	-9.14
8/14/1985	-51.5	-7.09
5/23/1985	-63.4	-8.74
2/12/1985	-68.9	-9.79
11/15/1984	-65.5	-9.25

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Iowa**

Station Name: **Missouri River At Sioux City**

Station Number **06486000**

Hydrologic Unit Code: 10230001

Drainage Area
(square miles): 314600

Latitude: 42° 29' 09"

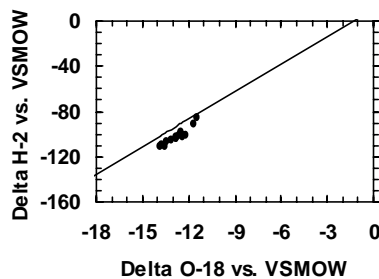
Datum (ft): 1056.98

Longitude: 96° 24' 49"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/24/1986	-90.9	-11.68
3/12/1985	-97.6	-12.49
6/25/1985	-103.8	-12.76
8/26/1985	-100.5	-12.36
10/15/1985	-101.0	-12.55
1/8/1986	-105.3	-13.12
1/8/1985	-106.3	-13.41
4/22/1986	-85.0	-11.50
8/28/1987	-102.1	-12.37
9/5/1986	-100.3	-12.19
12/16/1986	-109.9	-13.54
2/3/1987	-110.7	-13.87
4/30/1987	-103.1	-12.78
6/11/1987	-102.2	-12.78
7/17/1987	-100.5	-12.38
2/25/1986	-108.7	-13.73

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Iowa**

Station Name: **Nishnabotna River Above Hamburg**

Station Number **06810000**

Hydrologic Unit Code: 10240004

Drainage Area
(square miles): 2806

Latitude: 40° 37' 57"

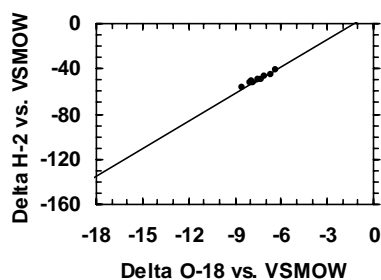
Datum (ft): 894.17

Longitude: 95° 37' 32"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/19/1987	-41.1	-6.34
11/25/1986	-50.1	-7.31
9/3/1986	-47.0	-7.08
4/23/1986	-51.9	-7.85
2/24/1986	-52.4	-7.97
12/20/1985	-51.0	-7.88
8/23/1985	-45.0	-6.69
2/19/1985	-57.0	-8.51
11/14/1984	-49.0	-7.52

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Iowa**

Station Name: **Elk Creek Near Decatur City**

Station Number **06897950**

Hydrologic Unit Code: 10280102

Drainage Area
(square miles): 52.5

Latitude: 40° 43' 18"

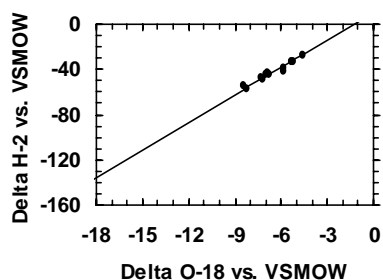
Datum (ft): 934.7

Longitude: 93° 56' 12"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/18/1987	-32.8	-5.32
7/8/1987	-27.2	-4.56
5/19/1987	-37.7	-5.85
2/24/1987	-41.8	-6.86
11/26/1986	-43.7	-6.99
8/13/1986	-32.2	-5.21
5/28/1986	-48.0	-7.22
3/6/1986	-53.7	-8.40
10/29/1985	-43.4	-6.80
5/14/1985	-40.6	-5.85
4/2/1985	-56.0	-8.20
11/27/1984	-46.5	-7.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Kansas**

Station Name: **Republican River At Clay Center**

Station Number **06856600**

Hydrologic Unit Code: 10250017

Drainage Area
(square miles): 24542

Latitude: 39° 21' 20"

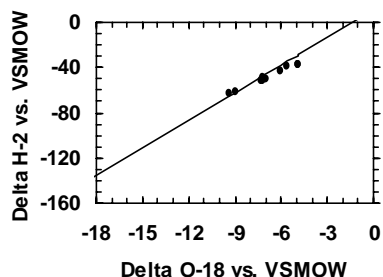
Datum (ft): 1159.21

Longitude: 97° 07' 34"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/4/1987	-37.1	-4.91
6/23/1987	-38.1	-5.57
4/7/1987	-61.0	-8.98
2/24/1987	-49.1	-6.96
1/6/1987	-51.1	-7.24
11/19/1986	-49.1	
9/2/1986	-37.2	-4.84
4/29/1986	-48.5	-7.14
10/11/1985	-61.7	-9.42
12/11/1984	-50.9	-7.19
11/6/1984	-42.1	-5.99

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Kansas**

Station Name: **Kings Creek Near Manhattan**

Station Number **06879650**

Hydrologic Unit Code: 10270101

Drainage Area
(square miles): 4.09

Latitude: 39° 06' 07"

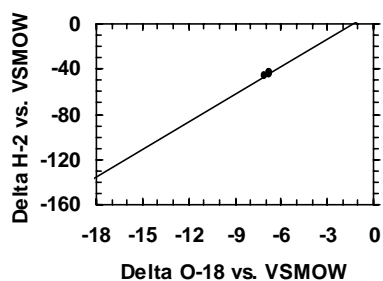
Datum (ft):

Longitude: 96° 35' 42"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/8/1987	-45.0	-7.09
2/25/1987	-42.8	-6.80
9/2/1986	-44.0	-6.75
8/17/1986	-42.8	-6.73

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Kansas**

Station Name: **Arkansas River Near Coolidge**

Station Number **07137500**

Hydrologic Unit Code: 11030001

Drainage Area
(square miles): 25410

Latitude: 38° 01' 34"

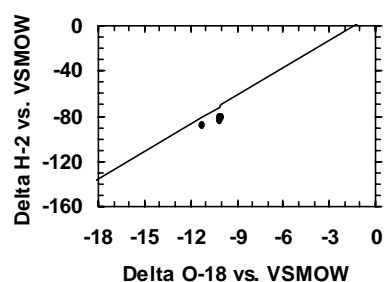
Datum (ft): 3330.84

Longitude: 102° 00' 41"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/28/1987	-88.4	-11.24
3/4/1987	-82.9	
12/29/1986	-84.0	-10.12
2/26/1986	-81.1	-10.13
3/5/1985	-81.0	-9.95

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Kansas**

Station Name: **Neosho River Near Parsons**

Station Number **07183500**

Hydrologic Unit Code: 11070205

Drainage Area
(square miles): 4905

Latitude: 37° 18' 39"

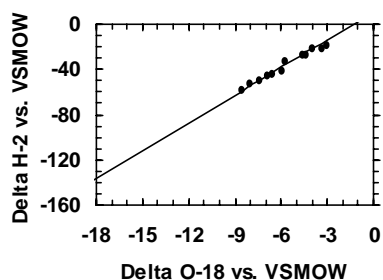
Datum (ft): 810.25

Longitude: 95° 06' 37"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/5/1987	-18.9	-3.03
6/24/1987	-27.5	-4.60
4/8/1987	-44.9	-6.88
2/25/1987	-52.5	-7.97
12/3/1986	-57.4	-8.56
10/22/1986	-43.6	-6.58
9/2/1986	-21.6	-3.34
5/6/1986	-27.5	-4.37
8/28/1985	-21.8	-4.00
5/1/1985	-40.4	-5.90
12/19/1984	-33.2	-5.73
11/21/1984	-49.8	-7.34

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Kentucky**

Station Name: **Big Sandy River At Louisa**

Station Number **03215000**

Hydrologic Unit Code: 05070204

Drainage Area
(square miles): 3897

Latitude: 38° 10' 16"

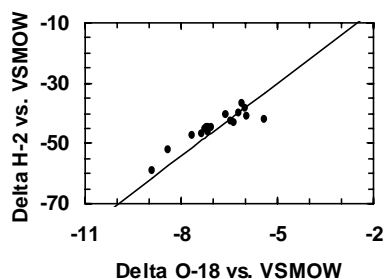
Datum (ft): 512.81

Longitude: 82° 38' 05"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/3/1986	-46.7	-7.33
12/4/1984	-40.5	-6.60
1/22/1985	-45.0	-7.25
2/28/1985	-47.0	-7.65
4/3/1985	-46.0	-7.15
8/15/1985	-36.8	-6.09
10/16/1985	-38.1	-5.99
10/25/1984	-42.5	-6.45
4/17/1986	-44.5	-7.04
10/14/1987	-42.9	-6.35
8/20/1986	-41.7	-5.43
10/15/1986	-39.9	-6.21
1/6/1987	-45.0	-7.20
3/3/1987	-52.2	-8.40
4/30/1987	-58.9	-8.89
7/7/1987	-44.7	-7.20
8/31/1987	-40.9	-5.96
12/19/1985	-44.3	-7.14

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Kentucky**

Station Name: **Licking River At Butler**

Station Number **03254000**

Hydrologic Unit Code: 05100101

Drainage Area
(square miles): 3375

Latitude: 38° 47' 22"

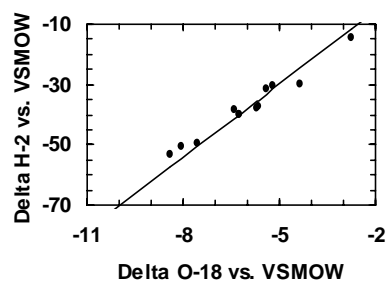
Datum (ft): 477

Longitude: 84° 21' 05"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/13/1987	-14.2	-2.76
5/6/1987	-49.6	-7.54
2/25/1987	-53.1	-8.39
11/5/1986	-37.8	-5.71
8/26/1986	-29.8	-4.34
5/7/1986	-37.0	-5.67
2/3/1986	-38.1	-6.39
11/6/1985	-39.6	-6.27
8/6/1985	-30.4	-5.20
5/21/1985	-31.1	-5.42
2/21/1985	-50.5	-8.05
11/28/1984	-39.5	-6.25

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Kentucky**

Station Name: **Ohio River At Markland Dam Near Warsaw**

Station Number **03277200**

Hydrologic Unit Code: 05090203

Drainage Area
(square miles): 83170

Latitude: 38° 46' 29"

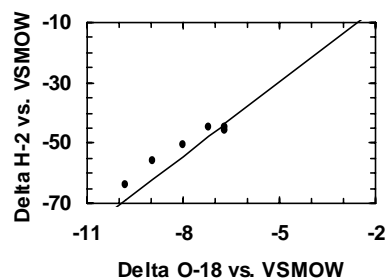
Datum (ft):

Longitude: 84° 57' 52"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/25/1986	-44.3	-6.70
5/6/1986	-55.5	
1/11/1986	-55.6	-8.94
11/5/1985	-45.7	-6.72
5/20/1985	-50.2	-8.01
3/4/1985	-63.5	-9.80
11/27/1984	-44.5	-7.20

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Kentucky**

Station Name: **Salt River At Shepherdsville**

Station Number **03298500**

Hydrologic Unit Code: 05140102

Drainage Area
(square miles): 1197

Latitude: 37° 59' 06"

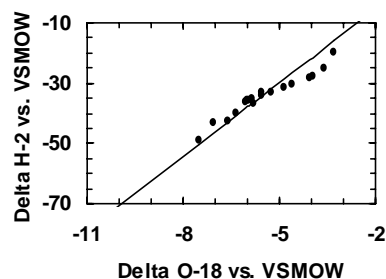
Datum (ft): 406.58

Longitude: 85° 43' 03"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/7/1986	-33.0	-5.55
12/18/1984	-36.0	-6.05
2/4/1985	-43.0	-7.05
4/29/1985	-36.5	-5.80
6/19/1985	-35.7	-5.95
8/26/1985	-35.1	-5.84
10/1/1985	-27.6	-3.97
10/24/1984	-30.0	-4.60
2/24/1986	-35.2	-5.98
8/10/1987	-19.8	-3.29
6/3/1986	-32.7	-5.24
8/11/1986	-28.0	-4.03
10/27/1986	-24.7	-3.60
12/4/1986	-42.1	-6.62
2/11/1987	-39.8	-6.36
4/13/1987	-48.9	-7.52
6/8/1987	-31.1	-4.85
12/16/1985	-33.7	-5.54

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Kentucky**

Station Name: **Rolling Fork Near Lebanon Junction**

Station Number **03301630**

Hydrologic Unit Code: 05140103

Drainage Area
(square miles): 1375

Latitude: 37° 49' 22"

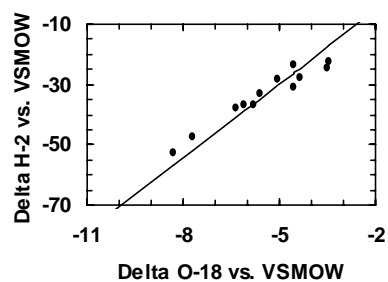
Datum (ft):

Longitude: 85° 44' 52"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/11/1987	-22.1	-3.43
5/5/1987	-36.7	-5.82
2/23/1987	-52.7	-8.28
11/3/1986	-27.3	-4.37
8/12/1986	-24.2	-3.49
5/15/1986	-30.6	-4.55
2/25/1986	-37.8	-6.34
11/19/1985	-27.9	-5.07
8/27/1985	-23.3	-4.57
5/22/1985	-32.9	-5.62
2/5/1985	-47.0	-7.70
11/8/1984	-36.5	-6.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Louisiana**

Station Name: **Twelvemile Bayou Near Dixie**

Station Number **07348000**

Hydrologic Unit Code: 11140304

Drainage Area
(square miles): 3137

Latitude: 32° 38' 45"

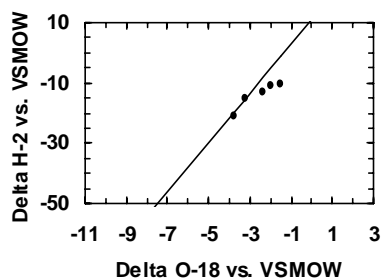
Datum (ft): 136.12

Longitude: 93° 52' 40"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/8/1986	-10.6	-1.95
1/8/1986	-20.6	-3.74
10/10/1985	12.4	8.46
7/11/1985	-10.4	-1.50
4/3/1985	-12.9	-2.35
1/16/1985	-14.7	-3.25

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Louisiana**

Station Name: **Red River At Alexandria**

Station Number **07355500**

Hydrologic Unit Code: 08040401

Drainage Area
(square miles): 67500

Latitude: 31° 18' 46"

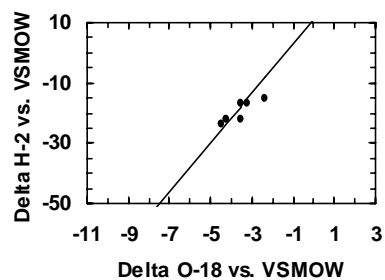
Datum (ft): 44.26

Longitude: 92° 26' 34"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/10/1986	-16.8	-3.56
1/7/1986	-21.9	-4.20
10/8/1985	-14.9	-2.35
7/7/1985	-21.7	-3.52
4/1/1985	-23.2	-4.45
1/15/1985	-16.6	-3.20

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Louisiana**

Station Name: **Tensas River At Tendal**

Station Number **07369500**

Hydrologic Unit Code: 08050003

Drainage Area
(square miles): 309

Latitude: 32° 25' 55"

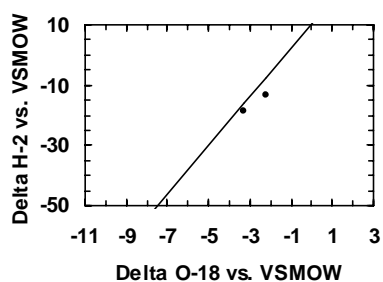
Datum (ft): 50.07

Longitude: 91° 22' 00"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/10/1985	-13.4	-2.24
4/17/1985	-18.8	-3.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Louisiana**

Station Name: **Big Creek At Pollock**

Station Number **07373000**

Hydrologic Unit Code: 08040304

Drainage Area
(square miles): 51

Latitude: 31° 32' 10"

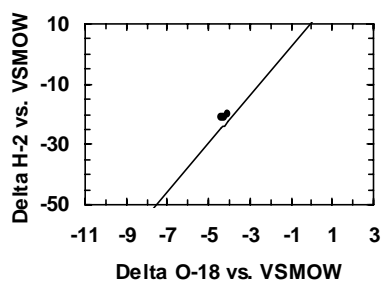
Datum (ft): 76.69

Longitude: 92° 24' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/9/1986	-19.9	-4.05
10/9/1985	-20.7	-4.25
7/9/1985	-20.9	-4.37
4/15/1985	-21.1	-4.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Louisiana**

Station Name: **Tchefuncta River Near Covington**

Station Number **07375050**

Hydrologic Unit Code: 08090201

Drainage Area
(square miles): 145

Latitude: 30° 29' 40"

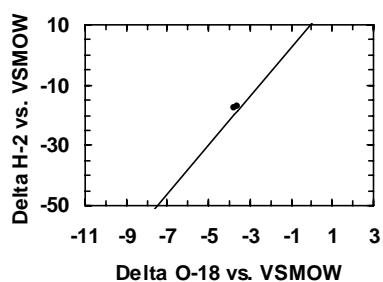
Datum (ft): 9.39

Longitude: 90° 10' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
11/18/1985	-16.8	-3.61
4/11/1985	-17.5	-3.75

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Louisiana**

Station Name: **Calcasieu River Near Kinder**

Station Number **08015500**

Hydrologic Unit Code: 08080203

Drainage Area
(square miles): 1700

Latitude: 30° 30' 10"

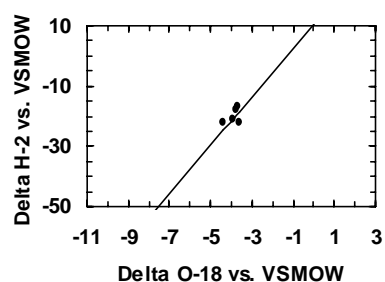
Datum (ft): 11.95

Longitude: 92° 54' 55"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/7/1986	-16.6	-3.71
1/7/1986	-21.7	-4.37
7/9/1985	-22.1	-3.63
4/4/1985	-20.9	-3.95
1/18/1985	-17.5	-3.75

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Maine**

Station Name: **St. John River At Van Buren**

Station Number **01015000**

Hydrologic Unit Code: 01010001

Drainage Area
(square miles): 8174

Latitude: 47° 09' 35"

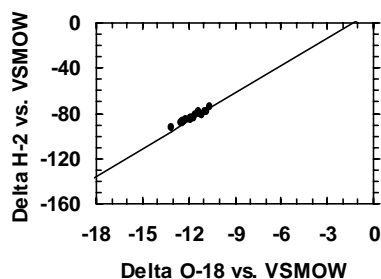
Datum (ft): 407.69

Longitude: 67° 55' 55"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/14/1986	-86.0	-12.40
12/17/1984	-80.0	-11.50
3/18/1985	-87.4	-12.47
5/20/1985	-86.9	-12.31
7/10/1985	-79.2	-11.30
8/21/1985	-81.4	-11.17
11/5/1985	-77.8	-10.86
11/6/1984	-78.0	-11.35
3/14/1986	-85.7	-12.18
10/13/1987	-77.4	-10.96
6/18/1986	-83.6	-11.62
12/17/1986	-83.7	-11.75
3/3/1987	-84.5	-11.89
4/21/1987	-92.4	-13.11
6/30/1987	-73.7	-10.58
8/26/1987	-80.6	-11.16
1/9/1986	-83.2	-11.81

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Maine**

Station Name: **St. Croix River At Milltown**

Station Number **01021050**

Hydrologic Unit Code: 01050001

Drainage Area
(square miles): 1460

Latitude: 45° 10' 11"

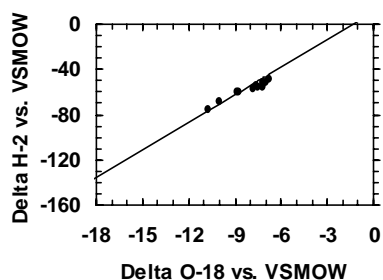
Datum (ft): 0

Longitude: 67° 17' 50"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
10/14/1987	-50.9	-7.02
8/18/1987	-54.8	-7.16
4/13/1987	-74.4	-10.75
2/12/1987	-56.3	-7.83
8/6/1986	-55.1	-7.46
4/16/1986	-67.7	-10.01
2/7/1986	-59.4	-8.81
11/12/1985	-47.5	-6.76
8/8/1985	-53.3	-7.18
4/30/1985	-59.4	-8.77
2/13/1985	-53.5	-7.60
10/25/1984	-51.0	-7.20

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Maine**

Station Name: **Narraguagus River At Cherryfield**

Station Number **01022500**

Hydrologic Unit Code: 01050002

Drainage Area
(square miles): 227

Latitude: 44° 36' 29"

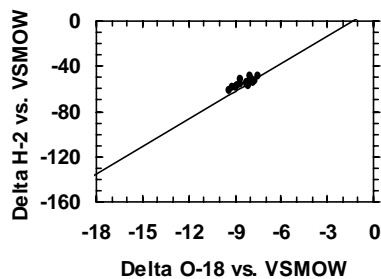
Datum (ft): 44.2

Longitude: 67° 56' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
2/7/1986	-58.7	-9.18
12/12/1984	-48.5	-8.00
2/14/1985	-51.5	-8.65
5/1/1985	-55.9	-8.63
6/12/1985	-53.3	-8.07
8/8/1985	-55.7	-8.27
10/25/1984	-51.5	-7.95
1/7/1986	-53.6	-8.25
10/19/1987	-51.8	-7.98
4/16/1986	-60.3	-9.38
6/24/1986	-54.0	-7.80
1/12/1987	-56.8	-8.80
3/16/1987	-57.6	-8.92
6/22/1987	-56.2	-8.11
8/11/1987	-51.9	-7.67
11/13/1985	-47.8	-7.46

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Maine**

Station Name: **Wild River At Gilead**

Station Number **01054200**

Hydrologic Unit Code: 01040002

Drainage Area
(square miles): 69.6

Latitude: 44° 23' 27"

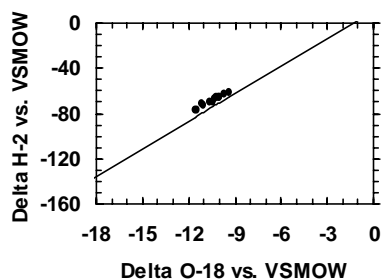
Datum (ft): 683.1

Longitude: 70° 58' 47"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
10/20/1987	-65.3	-10.06
8/4/1987	-64.5	-9.99
4/27/1987	-76.5	-11.44
2/10/1987	-69.1	-10.59
8/14/1986	-62.5	-9.64
4/9/1986	-72.9	-11.07
3/12/1986	-69.1	-10.36
2/25/1986	-66.6	-10.28
10/23/1985	-61.2	-9.38
9/4/1985	-64.5	-10.03
4/17/1985	-76.8	-11.54
2/26/1985	-71.0	-11.15
11/14/1984	-64.5	-10.15

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Maine**

Station Name: **Androscoggin River At Brunswick**

Station Number **01059400**

Hydrologic Unit Code: 01060001

Drainage Area
(square miles): 3434

Latitude: 43° 55' 03"

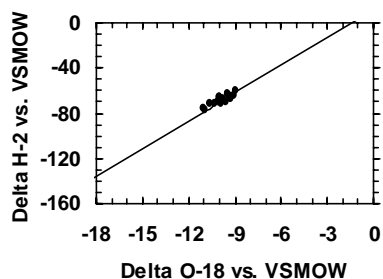
Datum (ft):

Longitude: 69° 58' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/14/1986	-71.1	-10.66
12/18/1984	-66.0	-9.80
2/28/1985	-64.5	-9.95
4/25/1985	-75.2	-11.07
6/11/1985	-71.0	-10.27
9/5/1985	-69.0	-9.54
10/24/1985	-63.0	-9.04
11/13/1984	-63.0	-9.50
2/11/1986	-65.3	-10.00
10/19/1987	-64.2	-9.32
6/30/1986	-68.1	-9.77
8/19/1986	-59.3	-8.90
12/3/1986	-68.4	-10.03
2/5/1987	-69.4	-10.11
4/16/1987	-76.0	-10.93
6/22/1987	-70.9	-9.93
8/6/1987	-65.9	-9.28
12/14/1985	-63.0	-9.43

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Maryland**

Station Name: **Choptank River Near Greensboro**

Station Number **01491000**

Hydrologic Unit Code: 02060005

Drainage Area
(square miles): 113

Latitude: 38° 59' 50"

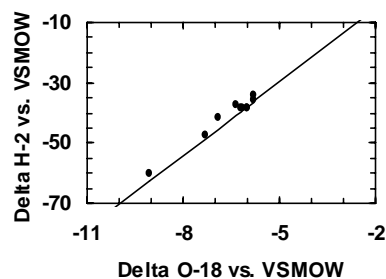
Datum (ft): 3.51

Longitude: 75° 47' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/4/1987	-35.5	-5.80
5/7/1987	-41.4	-6.90
2/11/1987	-59.8	-9.05
11/5/1986	-37.9	-6.20
9/8/1986	-38.0	-5.99
5/19/1986	-38.0	-6.15
11/18/1985	-37.3	-6.37
8/29/1985	-33.9	-5.78
5/15/1985	-38.2	-6.02
2/11/1985	-47.0	-7.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Maryland**

Station Name: **Susquehanna River At Conowingo**

Station Number **01578310**

Hydrologic Unit Code: 02050306

Drainage Area
(square miles): 27100

Latitude: 39° 39' 26"

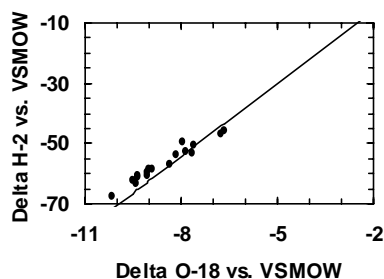
Datum (ft): 5

Longitude: 76° 10' 31"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/9/1986	-53.3	-8.17
3/6/1985	-67.5	-10.15
5/13/1985	-59.6	-9.07
7/10/1985	-52.7	-7.86
9/9/1985	-46.5	-6.76
11/20/1985	-49.3	-7.97
1/15/1986	-58.3	-8.91
1/28/1985	-60.5	-9.05
5/12/1986	-58.5	-8.99
9/3/1987	-45.7	-6.66
9/10/1986	-50.3	-7.61
11/19/1986	-56.6	-8.38
1/7/1987	-63.3	-9.38
3/4/1987	-61.1	-9.35
5/6/1987	-60.5	-9.34
7/8/1987	-53.0	-7.65
3/11/1986	-62.2	-9.52

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Maryland**

Station Name: **Patuxent River Near Bowie**

Station Number **01594440**

Hydrologic Unit Code: 02060006

Drainage Area
(square miles): 348

Latitude: 38° 57' 21"

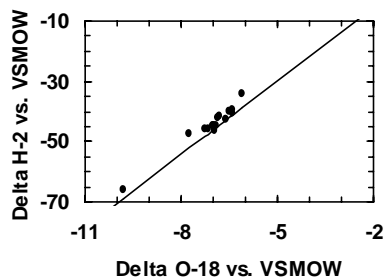
Datum (ft): 13.1

Longitude: 76° 41' 36"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/7/1986	-44.3	-6.97
3/13/1985	-44.5	-7.00
5/7/1985	-41.5	-6.80
7/9/1985	-44.4	-6.89
9/10/1985	-40.0	-6.40
11/19/1985	-39.7	-6.48
1/16/1985	-45.5	-7.25
3/10/1986	-45.5	-7.18
9/1/1987	-39.1	-6.42
9/9/1986	-42.5	-6.59
11/12/1986	-34.0	-6.10
1/8/1987	-46.0	-6.95
3/5/1987	-65.8	-9.81
5/5/1987	-46.9	-7.73
7/9/1987	-42.0	-6.86
1/13/1986	-44.4	-6.99

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Massachusetts**

Station Name: **Charles River At Dover**

Station Number **01103500**

Hydrologic Unit Code: 01090001

Drainage Area
(square miles): 184

Latitude: 42° 15' 22"

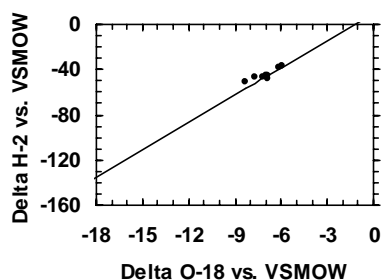
Datum (ft): 89.76

Longitude: 71° 15' 38"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/19/1986	-47.7	-6.85
4/30/1986	-46.2	-7.15
2/19/1986	-50.8	-8.28
10/23/1985	-38.8	-6.16
8/15/1985	-36.9	-5.95
6/4/1985	-45.2	-6.88
3/13/1985	-47.4	-7.74
11/7/1984	-45.9	-6.94

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Michigan**

Station Name: **Washington Creek At Windigo**

Station Number **04001000**

Hydrologic Unit Code: 04020300

Drainage Area
(square miles): 13.2

Latitude: 47° 55' 23"

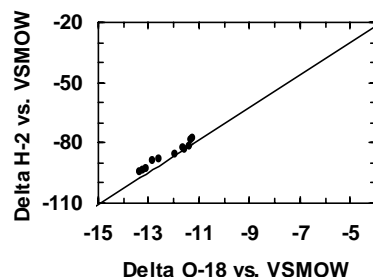
Datum (ft): 605

Longitude: 89° 08' 42"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/11/1987	-83.3	-11.56
5/6/1987	-92.8	-13.10
2/3/1987	-88.2	-12.83
10/29/1986	-85.1	-11.94
8/5/1986	-82.3	-11.63
5/20/1986	-93.5	-13.23
2/11/1986	-88.1	-12.59
10/16/1985	-77.7	-11.27
7/10/1985	-81.0	-11.39
5/6/1985	-94.3	-13.34
10/29/1984	-78.1	-11.31

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Michigan**

Station Name: **Tahquamenon River Near Tahquamenon Paradise**

Station Number **04045500**

Hydrologic Unit Code: 04020202

Drainage Area
(square miles): 790

Latitude: 46° 34' 30"

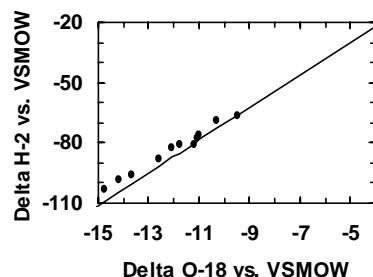
Datum (ft): 697

Longitude: 85° 16' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/20/1987	-66.1	-9.48
4/14/1987	-95.9	-13.67
1/5/1987	-87.4	-12.60
10/21/1986	-75.4	-10.98
7/15/1986	-80.6	-11.19
4/6/1986	-103.0	-14.72
1/7/1986	-82.4	-12.06
10/16/1985	-69.0	-10.29
7/16/1985	-77.4	-11.08
4/16/1985	-98.4	-14.17
1/16/1985	-80.3	-11.77

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Michigan**

Station Name: **St Marys River Above Sault Ste Marie**

Station Number **04045580**

Hydrologic Unit Code: 04020300

Drainage Area
(square miles): 80900

Latitude: 46° 29' 29"

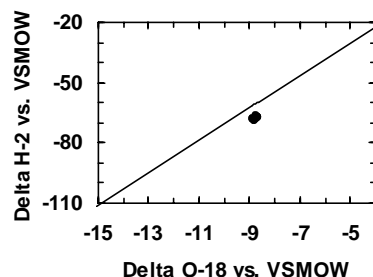
Datum (ft):

Longitude: 84° 25' 17"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/21/1987	-66.5	-8.68
4/15/1987	-68.4	-8.78
1/6/1987	-67.2	-8.67
10/22/1986	-68.1	-8.69
7/16/1986	-68.3	-8.81
4/17/1986	-67.4	-8.78
1/8/1986	-66.8	-8.67
10/17/1985	-66.8	-8.67
7/17/1985	-68.2	-8.89
4/17/1985	-67.8	-8.93
1/17/1985	-66.3	-8.75

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Michigan**

Station Name: **St. Joseph River At Niles**

Station Number **04101500**

Hydrologic Unit Code: 04050001

Drainage Area
(square miles): 3666

Latitude: 41° 49' 45"

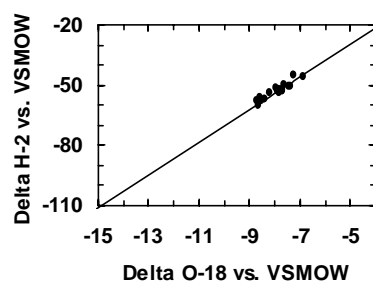
Datum (ft): 633.02

Longitude: 86° 15' 35"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/28/1986	-52.6	-7.90
1/29/1985	-55.6	-8.57
3/22/1985	-57.6	-8.68
4/26/1985	-53.2	-8.21
7/16/1985	-52.8	-7.68
9/11/1985	-50.2	-7.43
11/20/1985	-44.8	-7.22
11/21/1984	-51.0	-7.92
3/25/1986	-59.5	-8.64
9/16/1987	-50.5	-7.39
7/23/1986	-45.5	-6.85
9/10/1986	-52.1	-7.69
11/3/1986	-51.7	-7.84
1/5/1987	-56.8	-8.39
3/25/1987	-57.1	-8.53
5/26/1987	-53.8	-7.79
7/15/1987	-49.6	-7.66
1/23/1986	-57.5	-8.56

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Michigan**

Station Name: **Manistee River At Manistee**

Station Number **04126520**

Hydrologic Unit Code: 04060103

Drainage Area
(square miles): 2000

Latitude: 44° 15' 02"

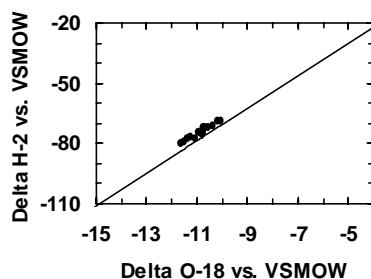
Datum (ft):

Longitude: 86° 19' 09"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/17/1986	-71.1	-10.33
1/8/1985	-74.5	-10.90
3/19/1985	-79.5	-11.65
5/16/1985	-77.5	-11.07
7/21/1985	-74.9	-10.80
8/28/1985	-74.5	-10.82
11/6/1985	-72.2	-10.55
11/27/1984	-71.5	-10.65
5/15/1986	-74.2	-10.88
8/27/1987	-68.7	-10.16
9/18/1986	-68.2	-10.06
11/14/1986	-71.6	-10.73
1/16/1987	-76.9	-11.23
3/12/1987	-77.2	-11.35
5/28/1987	-73.7	-10.72
6/30/1987	-73.9	-10.77
3/19/1986	-78.7	-11.51

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Michigan**

Station Name: **Rifle River Near Sterling**

Station Number **04142000**

Hydrologic Unit Code: 04080101

Drainage Area
(square miles): 320

Latitude: 44° 04' 21"

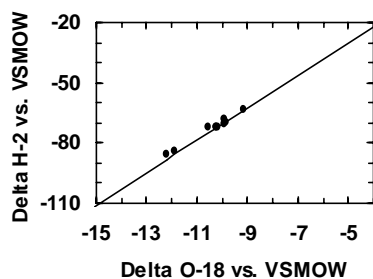
Datum (ft): 649.48

Longitude: 84° 01' 12"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/5/1987	-71.7	-10.22
4/9/1987	-71.8	-10.24
2/20/1987	-72.1	-10.57
7/24/1986	-70.3	-9.92
5/20/1986	-62.6	-9.16
3/27/1986	-83.8	-11.86
10/3/1985	-69.2	-9.88
8/26/1985	-67.6	-9.89
5/23/1985	-72.2	-10.19
3/13/1985	-85.0	-12.20

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Michigan**

Station Name: **Pigeon River Near Caseville**

Station Number **04159010**

Hydrologic Unit Code: 04080103

Drainage Area
(square miles): 125

Latitude: 43° 56' 22"

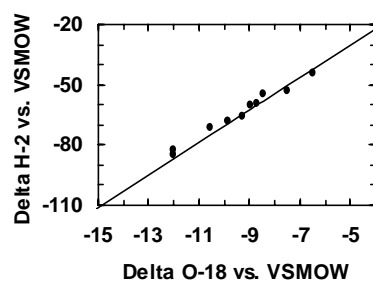
Datum (ft):

Longitude: 83° 14' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/8/1987	-68.1	-9.84
2/19/1987	-70.7	-10.53
10/9/1986	-54.6	-8.46
7/23/1986	-43.6	-6.49
5/21/1986	-60.2	-8.97
3/26/1986	-84.4	-11.99
10/1/1985	-59.1	-8.72
8/7/1985	-52.9	-7.47
5/21/1985	-65.5	-9.25
3/11/1985	-82.5	-12.00

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Minnesota**

Station Name: **Baptism River Near Beaver Bay**

Station Number **04014500**

Hydrologic Unit Code: 04010101

Drainage Area
(square miles): 140

Latitude: 47° 20' 07"

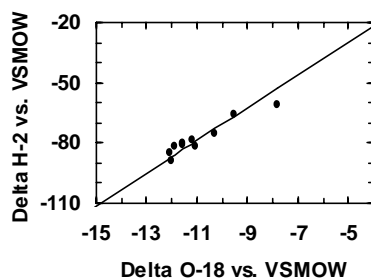
Datum (ft): 613.65

Longitude: 91° 12' 06"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/22/1987	-60.3	-7.79
4/29/1987	-88.4	-12.04
2/3/1987	-81.6	-11.88
11/13/1986	-84.8	-12.10
8/19/1986	-74.7	-10.27
6/3/1986	-81.4	-11.08
1/15/1986	-80.8	-11.55
10/22/1985	-78.4	-11.21
9/10/1985	-65.6	-9.55
1/8/1985	-80.0	-11.55

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Minnesota**

Station Name: **Red River Of The North At Halstad**

Station Number **05064500**

Hydrologic Unit Code: 09020107

Drainage Area
(square miles): 21800

Latitude: 47° 21' 10"

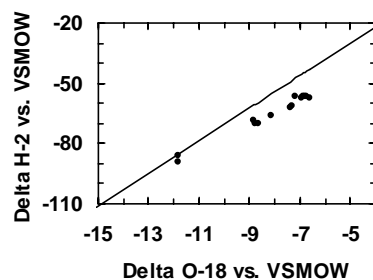
Datum (ft): 826.65

Longitude: 96° 50' 50"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/4/1987	-57.5	-6.91
6/24/1987	-57.6	-6.63
4/22/1987	-89.2	-11.84
4/1/1987	-86.1	-11.81
12/11/1986	-70.3	-8.65
10/28/1986	-56.8	-6.82
7/2/1986	-56.5	-6.74
2/14/1986	-62.2	-7.38
12/19/1985	-61.5	-7.30
11/4/1985	-56.4	-6.84
6/27/1985	-56.8	-7.15
5/8/1985	-66.1	-8.12
11/29/1984	-69.9	-8.79
11/8/1984	-68.4	-8.81

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Minnesota**

Station Name: **Red Lake River At Crookston**

Station Number **05079000**

Hydrologic Unit Code: 09020303

Drainage Area
(square miles): 5280

Latitude: 47° 46' 32"

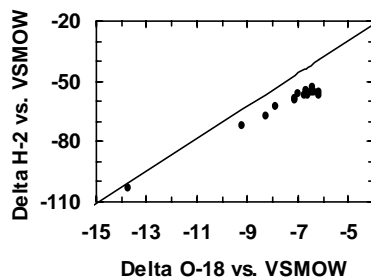
Datum (ft): 832.72

Longitude: 96° 36' 33"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/19/1986	-71.9	-9.19
2/20/1985	-55.0	-6.35
4/2/1985	-102.5	-13.70
6/19/1985	-58.6	-7.10
8/8/1985	-52.4	-6.40
11/5/1985	-55.7	-6.97
11/27/1984	-59.0	-7.10
1/22/1986	-54.6	-6.68
8/25/1987	-56.6	-6.18
6/24/1986	-54.8	-6.39
8/12/1986	-55.3	-6.15
11/14/1986	-54.9	-6.50
12/16/1986	-56.7	-6.62
4/21/1987	-67.0	-8.26
6/2/1987	-62.4	-7.89
12/10/1985	-56.5	-6.73

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Minnesota**

Station Name: **Roseau River Below State Ditch 51 Near Caribou**

Station Number **05112000**

Hydrologic Unit Code: 09020314

Drainage Area
(square miles): 1570

Latitude: 48° 58' 54"

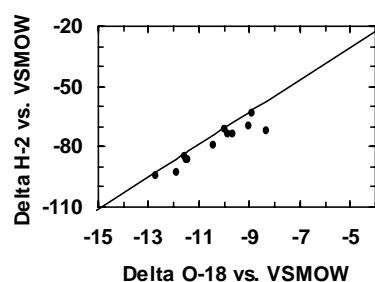
Datum (ft): 1002.14

Longitude: 96° 27' 46"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/28/1987	-69.8	-9.04
5/5/1987	-92.4	-11.91
1/6/1987	-86.3	-11.45
10/7/1986	-73.1	-9.66
8/26/1986	-71.7	-8.35
5/28/1986	-78.5	-10.43
1/28/1986	-84.3	-11.57
11/5/1985	-73.7	-9.86
8/20/1985	-63.1	-8.87
5/21/1985	-70.7	-9.99
1/15/1985	-94.0	-12.70
10/23/1984	-86.5	-11.50

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Minnesota**

Station Name: **Kawishiwi River Near Ely**

Station Number **05124480**

Hydrologic Unit Code: 09030001

Drainage Area
(square miles): 253

Latitude: 47° 55' 22"

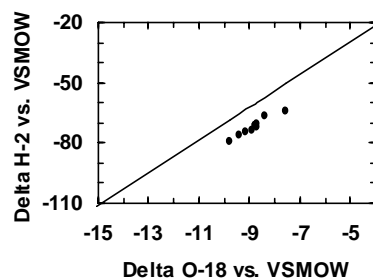
Datum (ft): 1450

Longitude: 91° 32' 06"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/2/1987	-63.7	-7.55
2/4/1987	-74.5	-9.13
10/29/1986	-72.2	-8.70
8/6/1986	-73.5	-8.90
5/12/1986	-78.6	-9.79
2/19/1986	-70.7	-8.78
10/16/1985	-70.0	-8.68
9/4/1985	-66.2	-8.36
4/30/1985	-75.5	-9.40
2/6/1985	-71.0	-8.80

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Minnesota**

Station Name: **Mississippi River Near Royalton**

Station Number **05267000**

Hydrologic Unit Code: 07010104

Drainage Area
(square miles): 11600

Latitude: 45° 51' 40"

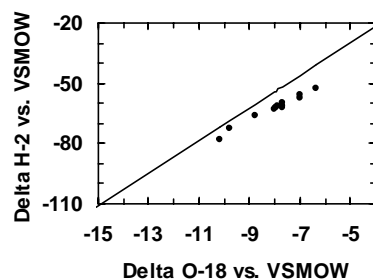
Datum (ft):

Longitude: 94° 21' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/22/1987	-57.4	-6.98
7/28/1987	-53.0	-6.36
7/14/1987	-61.8	-7.85
12/17/1986	-62.1	-7.95
8/11/1986	-62.5	-7.70
6/23/1986	-63.0	-8.03
4/30/1986	-72.8	-9.77
2/26/1986	-59.7	-7.67
12/19/1985	-61.3	-7.68
10/16/1985	-62.0	-7.97
8/20/1985	-55.7	-7.01
6/18/1985	-66.0	-8.79
4/8/1985	-78.0	-10.15
12/13/1984	-61.5	-7.70

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Minnesota**

Station Name: **Minnesota River Near Jordan**

Station Number **05330000**

Hydrologic Unit Code: 07020012

Drainage Area
(square miles): 16200

Latitude: 44° 41' 35"

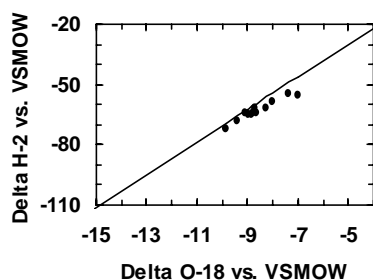
Datum (ft): 690

Longitude: 93° 38' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/20/1987	-54.2	-7.36
6/13/1987	-63.9	-8.66
4/28/1987	-61.5	-8.23
12/18/1986	-63.7	-8.77
7/15/1986	-57.9	-8.01
4/28/1986	-71.8	-9.86
1/16/1986	-64.5	-8.81
10/23/1985	-61.7	-8.69
7/29/1985	-54.9	-7.00
4/25/1985	-68.0	-9.40
1/9/1985	-64.5	-8.95
10/29/1984	-64.0	-9.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Minnesota**

Station Name: **North Fork Whitewater River Near Elba**

Station Number **05376000**

Hydrologic Unit Code: 07040003

Drainage Area
(square miles): 101

Latitude: 44° 05' 30"

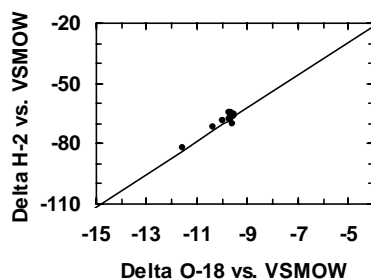
Datum (ft): 769.6

Longitude: 92° 03' 57"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/17/1987	-64.7	-9.66
7/15/1987	-70.5	-9.57
5/5/1987	-66.0	-9.52
3/26/1987	-64.4	-9.70
1/14/1987	-64.8	-9.68
12/16/1986	-67.4	-9.67
8/13/1986	-65.9	-9.60
4/16/1986	-67.2	-9.63
3/19/1986	-82.1	-11.58
1/14/1986	-68.0	-9.72
10/1/1985	-68.8	-9.97
4/22/1985	-65.5	-9.55
3/6/1985	-71.5	-10.35
1/14/1985	-66.5	-9.65
10/24/1984	-64.5	-9.70

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Minnesota**

Station Name: **Mississippi River At Winona**

Station Number **05378500**

Hydrologic Unit Code: 07040003

Drainage Area
(square miles): 59200

Latitude: 44° 03' 20"

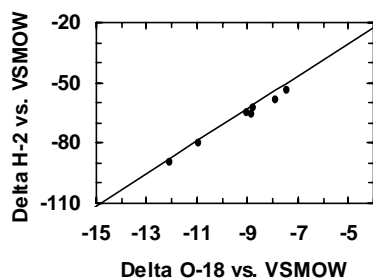
Datum (ft): 639.64

Longitude: 91° 38' 15"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/20/1986	-53.5	-7.46
4/9/1986	-89.2	-12.09
1/14/1986	-65.1	-8.86
11/26/1985	-62.5	-8.78
4/22/1985	-79.5	-10.90
1/14/1985	-64.5	-9.05
10/24/1984	-58.0	-7.90

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Mississippi**

Station Name: **Cypress Creek Near Janice**

Station Number **02479155**

Hydrologic Unit Code: 03170007

Drainage Area
(square miles): 52.6

Latitude: 31° 01' 30"

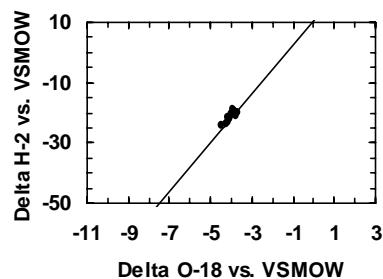
Datum (ft): 110

Longitude: 89° 01' 00"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/15/1987	-21.2	-4.13
4/28/1987	-23.0	-4.16
1/13/1987	-23.9	-4.47
11/4/1986	-19.9	-3.85
7/23/1986	-19.7	-3.68
4/23/1986	-19.2	-3.81
1/23/1986	-23.6	-4.26
10/25/1985	-20.8	-3.77
7/17/1985	-21.6	-4.06
4/10/1985	-18.5	-3.90
1/16/1985	-20.3	-4.00

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Mississippi**

Station Name: **Escatawpa River Near Agricola**

Station Number **02479560**

Hydrologic Unit Code: 03170008

Drainage Area
(square miles): 562

Latitude: 30° 48' 32"

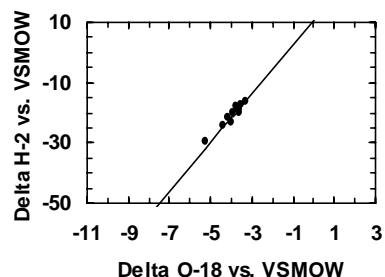
Datum (ft): 50

Longitude: 88° 27' 41"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/11/1987	-18.9	-3.68
4/14/1987	-21.1	-4.14
2/10/1987	-29.2	-5.24
10/21/1986	-16.2	-3.31
8/26/1986	-17.0	-3.56
4/8/1986	-18.8	-3.59
2/5/1986	-24.0	-4.37
10/16/1985	-22.9	-3.98
8/14/1985	-19.5	-3.59
4/16/1985	-20.0	-3.96
2/12/1985	-17.4	-3.80

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Mississippi**

Station Name: **Wolf River Near Landon**

Station Number **02481510**

Hydrologic Unit Code: 03170009

Drainage Area
(square miles): 308

Latitude: 30° 29' 00"

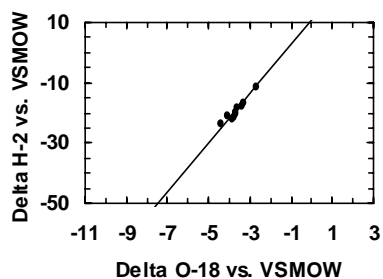
Datum (ft): 21.34

Longitude: 89° 16' 28"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/15/1987	-20.1	-3.69
4/27/1987	-21.6	-3.80
1/12/1987	-23.5	-4.38
4/24/1986	-16.5	-3.28
2/23/1986	-11.4	-2.66
1/23/1986	-20.8	-4.09
10/24/1985	-19.8	-3.70
7/17/1985	-21.6	-3.86
4/10/1985	-17.8	-3.37
1/16/1985	-18.0	-3.60

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Mississippi**

Station Name: **Yazoo River Near Shell Bluff**

Station Number **07287120**

Hydrologic Unit Code: 08030206

Drainage Area
(square miles): 7650

Latitude: 33° 23' 48"

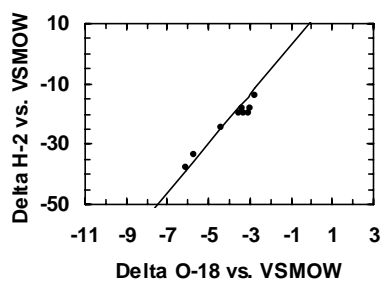
Datum (ft): 92.07

Longitude: 90° 16' 19"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/1/1987	-19.7	-3.50
3/10/1987	-33.6	-5.73
8/26/1986	-18.1	-2.97
5/22/1986	-14.1	-2.72
2/21/1986	-24.6	-4.36
11/6/1985	-19.6	-3.09
8/27/1985	-19.6	-3.29
5/8/1985	-18.0	-3.39
2/26/1985	-37.9	-6.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Mississippi**

Station Name: **Big Black River Nr Bovina**

Station Number **07290000**

Hydrologic Unit Code: 08030206

Drainage Area
(square miles): 7450

Latitude: 32° 20' 51"

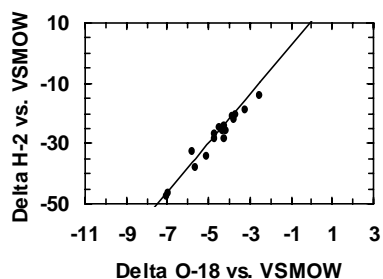
Datum (ft): 92.07

Longitude: 90° 41' 48"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/12/1986	-25.4	-4.15
2/25/1985	-26.7	-4.71
4/2/1985	-21.8	-3.78
6/19/1985	-28.2	-4.21
8/29/1985	-33.9	-5.06
10/21/1985	-20.5	-3.66
12/16/1985	-46.1	-6.99
12/6/1984	-24.1	-4.27
4/17/1986	-18.6	-3.22
8/13/1987	-47.2	-7.03
8/25/1986	-14.0	-2.49
10/22/1986	-28.0	-4.69
12/17/1986	-24.7	-4.47
2/18/1987	-32.3	-5.76
4/20/1987	-20.9	-3.81
6/17/1987	-38.0	-5.64
2/19/1986	-25.6	-4.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Mississippi**

Station Name: **Homochitto River At Rosetta**

Station Number **07292500**

Hydrologic Unit Code: 08060205

Drainage Area
(square miles): 750

Latitude: 31° 19' 22"

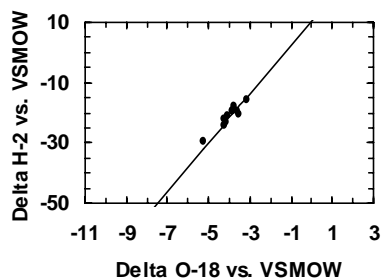
Datum (ft): 94.39

Longitude: 91° 06' 27"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/14/1987	-15.6	-3.16
4/21/1987	-23.0	-4.13
1/20/1987	-29.5	-5.25
10/23/1986	-19.2	-3.85
7/1/1986	-17.8	-3.75
4/15/1986	-24.2	-4.26
1/7/1986	-21.7	-4.26
10/22/1985	-19.0	-3.82
8/6/1985	-20.3	-3.52
4/9/1985	-18.9	-3.64
1/15/1985	-21.0	-4.04

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Missouri**

Station Name: **Salt River Near New London**

Station Number **05508000**

Hydrologic Unit Code: 07110007

Drainage Area
(square miles): 2480

Latitude: 39° 36' 44"

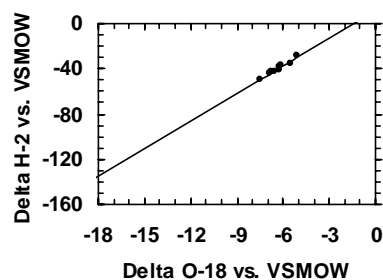
Datum (ft): 477.03

Longitude: 91° 24' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/9/1986	-40.5	-6.29
5/14/1986	-42.4	-6.56
3/10/1986	-41.9	-6.81
2/10/1986	-37.7	-6.24
11/17/1985	-27.7	-5.07
8/5/1985	-34.9	-5.56
5/7/1985	-48.9	-7.50
1/8/1985	-37.5	-6.10
11/6/1984	-44.5	-6.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Missouri**

Station Name: **Missouri River At St. Joseph**

Station Number **06818000**

Hydrologic Unit Code: 10240011

Drainage Area
(square miles): 420300

Latitude: 39° 45' 12"

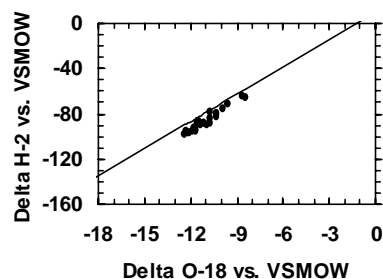
Datum (ft): 788.19

Longitude: 94° 51' 28"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/7/1986	-70.9	-9.54
12/12/1984	-96.5	-12.20
2/14/1985	-97.0	-12.35
3/13/1985	-86.4	-11.48
5/8/1985	-79.3	-10.30
6/5/1985	-88.0	-11.16
8/14/1985	-89.0	-10.95
9/18/1985	-79.1	-10.31
11/13/1985	-94.9	-11.63
1/14/1986	-92.4	-11.77
11/14/1984	-96.5	-12.10
4/2/1986	-87.4	-11.56
7/8/1987	-81.8	-10.32
7/17/1986	-75.5	-9.88
8/14/1986	-65.2	-8.41
9/3/1986	-87.8	-10.70
10/22/1986	-87.4	-11.10
11/20/1986	-93.1	-11.70
12/9/1986	-89.7	-11.39
1/13/1987	-95.3	-11.88
4/8/1987	-77.7	-10.68
5/13/1987	-84.0	-10.71
6/3/1987	-63.6	-8.61
3/6/1986	-94.7	-12.24

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Missouri**

Station Name: **Platte River At Sharps Station**

Station Number **06821190**

Hydrologic Unit Code: 10240012

Drainage Area
(square miles): 2380

Latitude: 39° 24' 03"

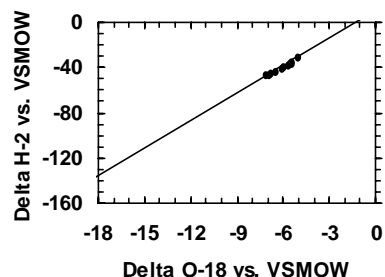
Datum (ft): 753.54

Longitude: 94° 43' 36"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/7/1987	-31.0	-4.97
5/12/1987	-38.9	-5.66
1/13/1987	-44.3	-6.46
11/19/1986	-40.9	-6.08
7/17/1986	-45.7	-6.71
5/7/1986	-36.0	-5.43
1/13/1986	-46.7	-6.82
11/12/1985	-39.4	-5.96
5/7/1985	-36.8	-5.39
1/15/1985	-47.0	-7.05
11/13/1984	-37.5	-5.55

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Missouri**

Station Name: **Grand River Near Sumner**

Station Number **06902000**

Hydrologic Unit Code: 10280103

Drainage Area
(square miles): 6880

Latitude: 39° 38' 25"

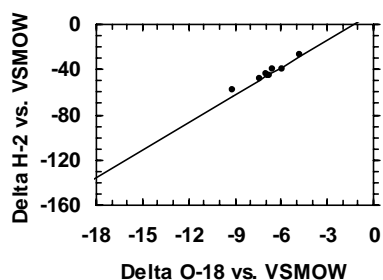
Datum (ft): 631.18

Longitude: 93° 16' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/2/1987	-27.1	-4.74
5/13/1987	-40.1	-5.98
4/7/1987	-48.3	-7.34
11/20/1986	-45.7	-6.82
7/16/1986	-45.2	-6.71
1/14/1986	-58.6	-9.18
11/13/1985	-39.3	-6.55
2/14/1985	-44.0	-6.95

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Missouri**

Station Name: **Chariton River Near Prairie Hill**

Station Number **06905500**

Hydrologic Unit Code: 10280202

Drainage Area
(square miles): 1870

Latitude: 39° 32' 25"

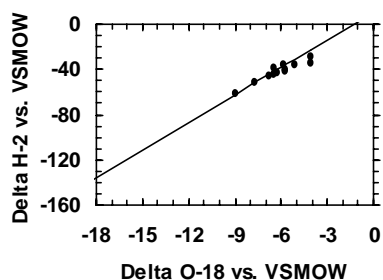
Datum (ft): 632.05

Longitude: 92° 47' 23"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/3/1986	-35.3	-5.13
7/16/1986	-42.4	-6.28
5/6/1986	-36.1	-5.81
3/7/1986	-61.0	-8.97
1/15/1986	-51.4	-7.66
11/14/1985	-38.0	-6.46
9/19/1985	-28.4	-4.08
7/18/1985	-33.4	-4.11
5/9/1985	-40.9	-5.76
3/14/1985	-44.7	-6.78
1/17/1985	-43.5	-6.50
11/14/1984	-39.5	-5.75

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Missouri**

Station Name: **Lamine River Near Blackwater**

Station Number **06908800**

Hydrologic Unit Code: 10300103

Drainage Area
(square miles): 2610

Latitude: 38° 56' 47"

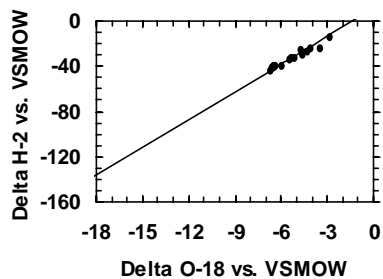
Datum (ft):

Longitude: 92° 56' 53"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
11/12/1985	-33.3	-5.44
2/13/1985	-41.5	-6.55
3/12/1985	-40.0	-6.30
4/2/1985	-43.3	-6.66
5/7/1985	-39.0	-5.91
6/4/1985	-26.2	-4.65
12/11/1984	-40.0	-6.35
9/17/1985	-27.3	-4.31
9/2/1986	-23.5	-3.42
1/13/1986	-40.8	-6.49
3/5/1986	-40.3	-6.40
4/1/1986	-32.9	-5.32
5/8/1986	-29.3	-4.53
6/2/1986	-32.9	-5.10
7/18/1986	-24.6	-4.05
7/16/1985	-14.1	-2.77

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Missouri**

Station Name: **Osage River Near Schell City**

Station Number **06918080**

Hydrologic Unit Code: 10290105

Drainage Area
(square miles): 5530

Latitude: 38° 03' 20"

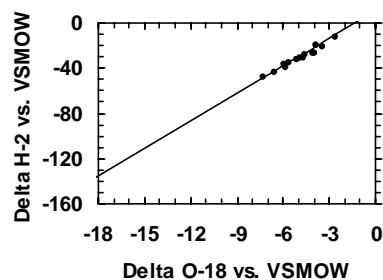
Datum (ft): 700

Longitude: 94° 08' 44"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/7/1987	-20.4	-3.87
5/21/1987	-21.0	-3.41
1/7/1987	-40.1	-5.87
11/7/1986	-43.9	-6.58
9/16/1986	-26.2	-4.05
7/8/1986	-12.8	-2.61
5/1/1986	-29.0	-4.62
3/19/1986	-35.8	-5.57
1/9/1986	-37.0	-5.92
11/13/1985	-31.7	-4.92
9/11/1985	-27.5	-3.91
7/9/1985	-31.6	-4.70
1/9/1985	-48.0	-7.30
11/8/1984	-32.0	-5.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Missouri**

Station Name: **Osage River Below St. Thomas**

Station Number **06926510**

Hydrologic Unit Code: 10290111

Drainage Area
(square miles): 14500

Latitude: 38° 25' 18"

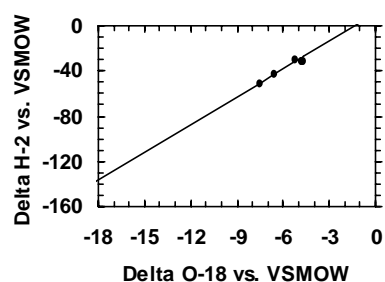
Datum (ft):

Longitude: 92° 12' 31"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/15/1987	-51.6	-7.54
11/19/1986	-42.8	-6.51
7/18/1986	-31.7	-4.83
1/16/1986	-30.0	-5.20
9/19/1985	-30.8	-4.70

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Missouri**

Station Name: **Gasconade River Above Jerome**

Station Number **06930800**

Hydrologic Unit Code: 10290203

Drainage Area
(square miles): 2570

Latitude: 37° 55' 12"

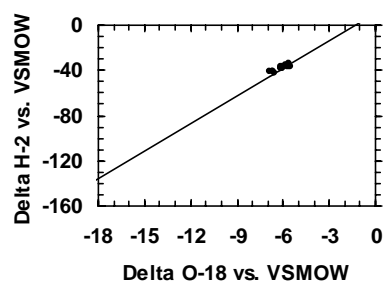
Datum (ft):

Longitude: 91° 58' 33"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/29/1987	-34.1	-5.64
5/27/1987	-37.3	-6.03
1/26/1987	-41.8	-6.57
11/25/1986	-36.5	-6.11
10/28/1986	-38.7	-6.04
9/22/1986	-36.6	-5.53
7/28/1986	-37.0	-5.62
5/27/1986	-36.2	-5.74
3/25/1986	-38.1	-6.17
1/29/1986	-38.2	-6.10
9/24/1985	-34.8	-5.79
7/23/1985	-38.6	-6.04
3/26/1985	-40.4	-6.69
1/29/1985	-40.5	-6.65
11/27/1984	-40.5	-6.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Missouri**

Station Name: **Mississippi River At Thebes**

Station Number **07022000**

Hydrologic Unit Code: 07140105

Drainage Area
(square miles): 713200

Latitude: 37° 13' 00"

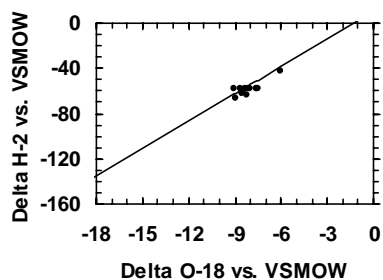
Datum (ft): 0

Longitude: 89° 27' 50"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
10/15/1987	-63.2	-8.23
8/4/1987	-42.7	-6.07
5/28/1987	-58.0	-8.00
4/16/1987	-59.0	-8.49
3/16/1987	-62.1	-8.51
1/21/1987	-65.9	-8.91
12/10/1986	-57.8	-9.00
1/22/1986	-57.8	-8.28
9/24/1985	-58.1	-7.54
7/16/1985	-57.4	-7.63
5/15/1985	-59.9	-8.47
3/12/1985	-60.3	-8.50
2/13/1985	-58.5	-8.60
1/30/1985	-60.0	-8.50
11/15/1984	-58.0	-8.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Montana**

Station Name: **St Mary River At International Boundary**

Station Number **05020500**

Hydrologic Unit Code: 10010002

Drainage Area
(square miles): 469

Latitude: 49° 00' 12"

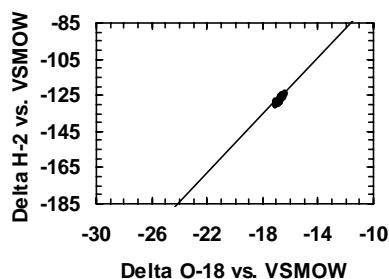
Datum (ft): 4120

Longitude: 113° 18' 48"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/16/1986	-125.9	-16.70
12/19/1984	-128.5	-16.70
2/20/1985	-128.0	-16.75
4/16/1985	-125.4	-16.45
6/13/1985	-127.0	-16.62
8/14/1985	-127.1	-16.72
12/11/1985	-128.6	-17.02
10/31/1984	-127.5	-16.80
5/15/1986	-128.9	-16.88
8/18/1987	-124.2	-16.42
9/17/1986	-125.5	-16.44
10/28/1986	-125.8	-16.53
12/10/1986	-126.9	-16.69
2/11/1987	-128.0	-16.81
4/16/1987	-128.7	-16.80
6/17/1987	-125.0	-16.59
3/19/1986	-130.4	-17.03

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Montana**

Station Name: **Missouri River At Toston**

Station Number **06054500**

Hydrologic Unit Code: 10030101

Drainage Area
(square miles): 14669

Latitude: 46° 08' 46"

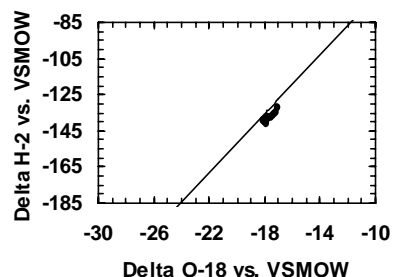
Datum (ft): 3905.68

Longitude: 111° 25' 11"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/27/1987	-131.8	-17.04
3/9/1987	-138.0	-17.80
11/13/1986	-138.0	-17.82
8/28/1986	-134.8	-17.15
5/8/1986	-138.8	-18.04
3/18/1986	-139.6	-17.99
10/25/1985	-136.4	-17.44
8/21/1985	-135.6	-17.29
6/14/1985	-136.8	-17.78
3/13/1985	-141.0	-17.90
11/7/1984	-137.5	-17.55

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Montana**

Station Name: **Musselshell River At Mosby**

Station Number **06130500**

Hydrologic Unit Code: 10040205

Drainage Area
(square miles): 7846

Latitude: 46° 59' 34"

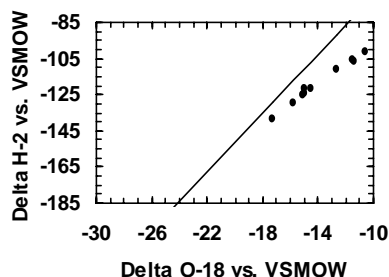
Datum (ft): 2493.38

Longitude: 107° 53' 34"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/30/1987	-105.1	-11.48
6/30/1987	-101.3	-10.55
2/20/1987	-121.2	-14.93
11/8/1986	-124.0	-14.99
8/28/1986	-110.9	-12.61
3/11/1986	-138.2	-17.23
12/18/1985	-124.4	-15.04
9/25/1985	-106.1	-11.44
6/25/1985	-102.7	-9.92
2/20/1985	-129.5	-15.75
11/14/1984	-121.0	-14.55

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Montana**

Station Name: **Rock Creek Below Horse Creek, Near Int Boundary**

Station Number **06169500**

Hydrologic Unit Code: 10050015

Drainage Area
(square miles): 328

Latitude: 48° 58' 10"

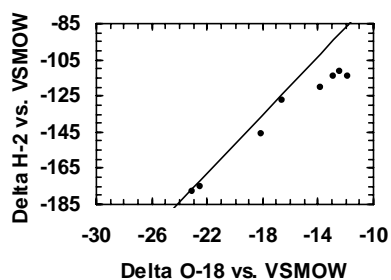
Datum (ft): 2530

Longitude: 106° 50' 20"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/11/1987	-111.7	-12.47
4/7/1987	-127.8	-16.58
8/27/1986	-90.3	-8.57
6/4/1986	-120.4	-13.86
3/18/1986	-175.5	-22.47
11/12/1985	-146.0	-18.07
9/30/1985	-113.8	-12.92
3/18/1985	-177.6	-23.01
11/1/1984	-114.5	-11.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Montana**

Station Name: **Milk River At Nashua**

Station Number **06174500**

Hydrologic Unit Code: 10050012

Drainage Area
(square miles): 22332

Latitude: 48° 07' 47"

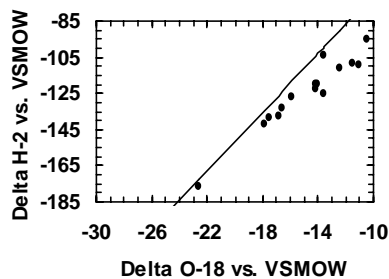
Datum (ft): 2027.75

Longitude: 106° 21' 50"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/18/1986	-176.5	-22.57
11/15/1984	-142.0	-17.91
3/25/1985	-136.9	-16.85
5/31/1985	-124.9	-13.59
7/15/1985	-108.7	-11.05
8/26/1985	-94.9	-10.42
10/31/1984	-108.3	-11.50
1/21/1986	-122.6	-14.19
7/8/1987	-110.3	-12.42
5/27/1986	-126.7	-15.86
7/28/1986	-82.3	-10.66
9/23/1986	-103.4	-13.54
1/15/1987	-132.8	-16.59
3/24/1987	-138.4	-17.52
5/29/1987	-119.1	-14.14
11/18/1985	-119.5	-13.99

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Montana**

Station Name: **Missouri River Near Culbertson**

Station Number **06185500**

Hydrologic Unit Code: 10060005

Drainage Area
(square miles): 91557

Latitude: 48° 07' 20"

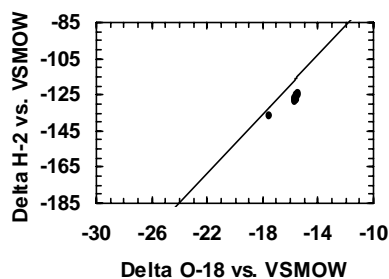
Datum (ft): 1883.4

Longitude: 104° 28' 31"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/29/1986	-123.8	-15.38
1/24/1986	-125.1	-15.53
11/19/1985	-126.3	-15.54
8/27/1985	-127.9	-15.61
7/16/1985	-127.6	-15.58
5/29/1985	-127.7	-15.65
3/26/1985	-127.0	-15.70
12/10/1984	-124.7	-15.41
12/10/1984	-136.0	-17.55
10/23/1984	-126.5	-15.55

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Montana**

Station Name: **Yellowstone River Near Livingston**

Station Number **06192500**

Hydrologic Unit Code: 10070002

Drainage Area
(square miles): 3551

Latitude: 45° 35' 50"

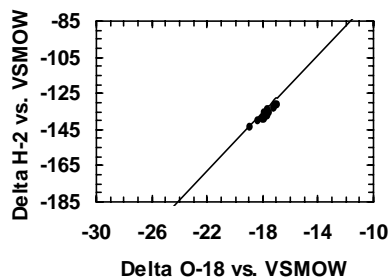
Datum (ft): 4542.49

Longitude: 110° 33' 55"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/19/1986	-136.1	-17.60
1/23/1985	-139.0	-17.90
3/14/1985	-137.5	-17.80
5/2/1985	-143.8	-18.87
6/13/1985	-135.2	-17.89
8/20/1985	-133.0	-17.16
11/8/1984	-137.0	-17.60
12/17/1985	-138.5	-17.98
8/26/1987	-130.7	-16.97
5/7/1986	-139.9	-18.30
7/15/1986	-132.4	-17.16
8/29/1986	-131.4	-17.05
11/13/1986	-135.2	-17.54
1/20/1987	-139.2	-17.92
3/10/1987	-138.1	-17.83
10/24/1985	-133.9	-17.60

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Montana**

Station Name: **Bighorn River At Bighorn**

Station Number **06294700**

Hydrologic Unit Code: 10080015

Drainage Area
(square miles): 22885

Latitude: 46° 08' 50"

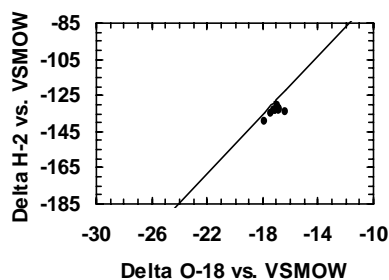
Datum (ft): 2690

Longitude: 107° 28' 00"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/18/1987	-134.1	-16.39
7/28/1987	-133.2	-17.05
5/27/1987	-130.3	-16.91
3/4/1987	-133.2	-17.15
12/23/1986	-132.7	-17.22
10/20/1986	-132.7	-17.07
8/11/1986	-134.6	-17.35
6/24/1986	-133.1	-17.05
4/21/1986	-132.2	-16.82
2/12/1986	-133.2	-16.82
12/17/1985	-131.9	-16.83
7/29/1985	-133.2	-16.83
2/25/1985	-139.0	-17.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Montana**

Station Name: **Tongue River At Miles City**

Station Number **06308500**

Hydrologic Unit Code: 10090102

Drainage Area
(square miles): 5379

Latitude: 46° 20' 44"

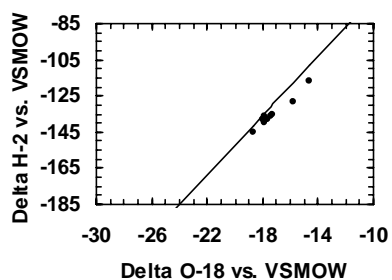
Datum (ft): 2375

Longitude: 105° 48' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/18/1987	-117.1	-14.57
3/25/1987	-135.3	-17.23
12/17/1986	-137.9	-17.95
9/17/1986	-128.2	-15.81
6/17/1986	-136.8	-17.85
3/26/1986	-139.5	-17.85
12/2/1985	-138.2	-17.68
2/26/1985	-144.8	-18.72
11/15/1984	-136.0	-17.45

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Montana**

Station Name: **Yellowstone River Near Sidney**

Station Number **06329500**

Hydrologic Unit Code: 10100004

Drainage Area
(square miles): 69103

Latitude: 47° 40' 42"

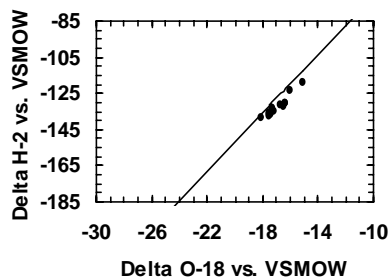
Datum (ft): 1881.3

Longitude: 104° 09' 22"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/30/1986	-130.7	-16.74
3/27/1985	-137.0	-17.50
5/30/1985	-138.3	-18.05
7/17/1985	-131.8	-16.53
8/28/1985	-130.5	-16.37
11/20/1985	-135.3	-17.44
10/24/1984	-134.5	-17.15
5/29/1986	-136.7	-17.50
9/15/1987	-130.5	-16.40
9/25/1986	-123.5	-16.06
11/24/1986	-135.1	-17.40
1/27/1987	-135.5	-17.47
3/18/1987	-136.6	-17.37
5/14/1987	-133.0	-17.24
7/22/1987	-118.6	-15.13
1/23/1986	-135.2	-17.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Montana**

Station Name: **Clark Fork Below Missoula**

Station Number **12353000**

Hydrologic Unit Code: 17010204

Drainage Area
(square miles): 9003

Latitude: 46° 52' 09"

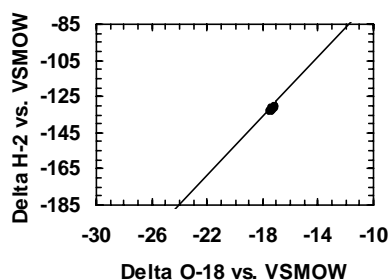
Datum (ft): 3083.88

Longitude: 114° 07' 33"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/11/1987	-132.5	-17.31
8/12/1986	-130.2	-17.07
7/8/1986	-129.9	-17.21
5/9/1986	-133.0	-17.48
3/20/1986	-131.5	-17.25
1/8/1986	-132.4	-17.43
10/23/1985	-131.0	-17.04
8/13/1985	-129.8	-17.10
6/11/1985	-131.4	-17.36
4/23/1985	-132.3	-17.22
1/16/1985	-132.5	-17.55
11/9/1984	-132.5	-17.25

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Montana**

Station Name: **Flathead River At Flathead, British Columbia**

Station Number **12355000**

Hydrologic Unit Code: 17010206

Drainage Area
(square miles): 427

Latitude: 49° 00' 02"

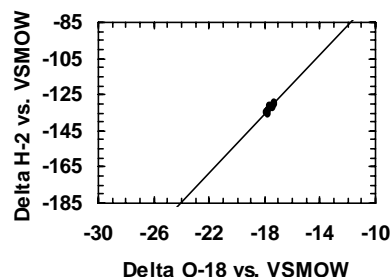
Datum (ft): 3968.16

Longitude: 114° 28' 35"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/19/1987	-131.5	-17.46
5/13/1987	-129.0	-17.25
4/16/1987	-130.8	-17.43
12/3/1986	-131.4	-17.58
8/14/1986	-131.2	-17.48
5/30/1986	-130.0	-17.29
3/21/1986	-132.2	-17.60
11/13/1985	-133.4	-17.71
8/20/1985	-133.4	-17.75
6/13/1985	-134.1	-17.88
2/27/1985	-135.5	-17.75

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Montana**

Station Name: **Flathead River At Columbia Falls**

Station Number **12363000**

Hydrologic Unit Code: 17010208

Drainage Area
(square miles): 4464

Latitude: 48° 21' 43"

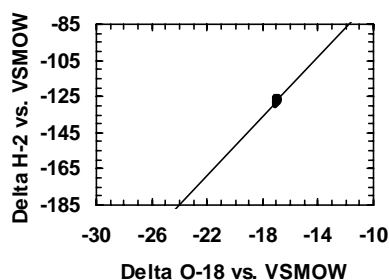
Datum (ft): 2977.67

Longitude: 114° 11' 02"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/18/1987	-126.1	-16.80
5/12/1987	-126.0	-17.01
4/30/1987	-125.8	-16.93
12/4/1986	-127.0	-16.85
8/19/1986	-126.6	-16.80
5/27/1986	-127.7	-17.06
3/19/1986	-128.7	-16.97
12/17/1985	-128.2	-17.10
8/19/1985	-127.0	-16.82
6/11/1985	-129.0	-17.08
2/28/1985	-127.5	-16.85
11/15/1984	-127.0	-16.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nebraska**

Station Name: **Niobrara River Near Verdel**

Station Number **06465500**

Hydrologic Unit Code: 10150007

Drainage Area
(square miles): 12600

Latitude: 42° 44' 25"

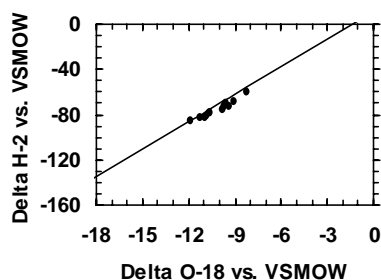
Datum (ft): 1308.12

Longitude: 98° 12' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/26/1987	-71.7	-9.34
5/8/1987	-69.8	-9.58
2/11/1987	-77.6	-10.60
11/24/1986	-77.8	-10.61
8/26/1986	-59.6	-8.20
5/7/1986	-74.7	-9.74
2/12/1986	-85.0	-11.81
11/26/1985	-82.6	-11.24
8/21/1985	-67.4	-9.04
5/15/1985	-72.8	-9.69
2/20/1985	-81.5	-10.95
11/28/1984	-81.0	-10.80

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nebraska**

Station Name: **North Platte River At Lisco**

Station Number **06686000**

Hydrologic Unit Code: 10180009

Drainage Area
(square miles): 26700

Latitude: 41° 30' 00"

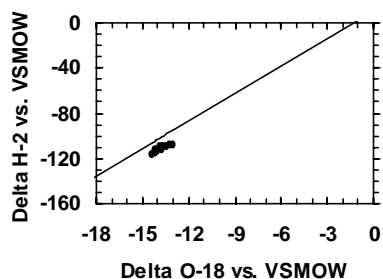
Datum (ft): 3474.5

Longitude: 102° 38' 00"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/20/1986	-113.3	-14.04
1/15/1985	-114.0	-14.10
3/18/1985	-115.5	-14.40
5/21/1985	-110.5	-13.70
7/16/1985	-107.1	-12.96
9/17/1985	-110.3	-13.71
11/25/1985	-110.9	-13.77
11/19/1984	-111.0	-13.75
3/17/1986	-108.8	-13.62
9/14/1987	-109.4	-13.42
7/15/1986	-111.3	-14.15
9/16/1986	-110.3	-13.74
11/18/1986	-113.4	-14.08
1/12/1987	-109.7	-13.68
3/18/1987	-109.6	-13.85
5/18/1987	-107.3	-13.23
7/13/1987	-110.2	-13.72
1/13/1986	-111.4	-13.78

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nebraska**

Station Name: **Dismal River Near Thedford**

Station Number **06775900**

Hydrologic Unit Code: 10210002

Drainage Area
(square miles): 960

Latitude: 41° 46' 45"

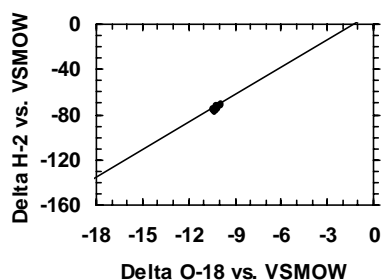
Datum (ft): 2800.13

Longitude: 100° 31' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/11/1987	-74.4	-10.20
5/20/1987	-74.3	-10.18
2/24/1987	-75.1	-10.21
11/5/1986	-72.8	-10.17
8/12/1986	-72.7	-10.10
5/22/1986	-71.4	-9.91
2/20/1986	-74.4	-10.42
11/20/1985	-74.5	-10.21
8/27/1985	-73.0	-10.11
5/7/1985	-74.2	-10.10
2/14/1985	-76.0	-10.30
11/20/1984	-76.5	-10.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nebraska**

Station Name: **Elkhorn River At Waterloo**

Station Number **06800500**

Hydrologic Unit Code: 10220003

Drainage Area
(square miles): 6900

Latitude: 41° 17' 25"

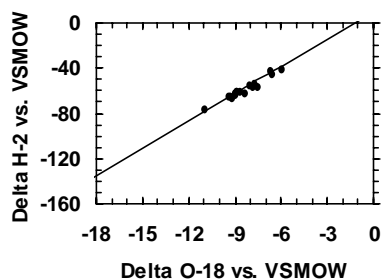
Datum (ft): 1104.73

Longitude: 96° 17' 05"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/30/1986	-45.9	-6.58
1/16/1985	-65.0	-9.40
3/13/1985	-63.5	-8.90
5/16/1985	-60.9	-8.65
7/9/1985	-57.2	-7.46
9/12/1985	-53.9	-7.67
11/13/1985	-62.3	-8.90
11/14/1984	-60.5	-8.80
5/28/1986	-55.1	-8.05
9/29/1987	-57.1	-7.78
9/30/1986	-43.0	-6.66
10/29/1986	-61.1	-8.85
1/27/1987	-66.2	-9.20
3/31/1987	-76.9	-10.93
4/29/1987	-61.8	-8.34
7/30/1987	-41.2	-5.95
1/14/1986	-64.7	-9.21

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nebraska**

Station Name: **Platte River At Louisville**

Station Number **06805500**

Hydrologic Unit Code: 10200202

Drainage Area
(square miles): 85800

Latitude: 41° 00' 55"

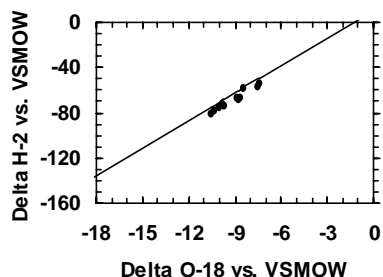
Datum (ft): 1007.1

Longitude: 96° 09' 28"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/28/1987	-67.8	-8.78
2/3/1987	-72.8	-9.76
11/20/1986	-73.2	-9.72
8/19/1986	-56.5	-7.46
5/7/1986	-67.2	-8.61
2/4/1986	-74.7	-10.02
11/5/1985	-67.1	-8.82
8/7/1985	-53.7	-7.40
5/15/1985	-58.1	-8.38
2/7/1985	-80.0	-10.55
11/14/1984	-78.5	-10.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nevada**

Station Name: **Virgin River Above Halfway Wash Near Riverside**

Station Number **09415230**

Hydrologic Unit Code: 15010010

Drainage Area
(square miles): 5980

Latitude: 36° 40' 28"

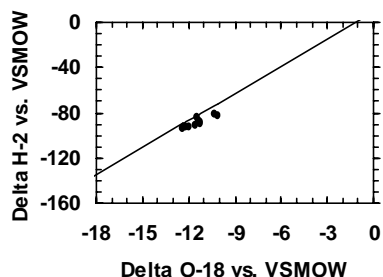
Datum (ft): 1320

Longitude: 114° 17' 54"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/16/1986	-87.9	-11.27
7/23/1986	-86.7	-11.35
5/30/1986	-90.2	-11.53
3/24/1986	-92.4	-12.14
2/11/1986	-91.6	-12.01
11/26/1985	-92.5	-12.32
9/25/1985	-88.5	-11.26
7/31/1985	-80.6	-10.30
5/31/1985	-82.7	-10.13
3/30/1985	-83.6	-11.40
1/31/1985	-93.5	-12.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nevada**

Station Name: **Muddy River Above Lake Mead Near Overton**

Station Number **09419515**

Hydrologic Unit Code: 15010005

Drainage Area
(square miles): 8310

Latitude: 36° 31' 21"

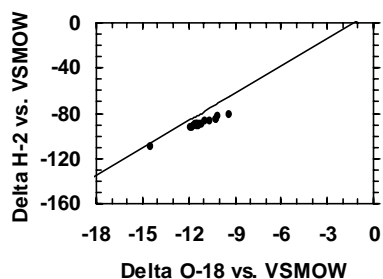
Datum (ft): 1200

Longitude: 114° 24' 49"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/13/1986	-85.3	-10.25
1/21/1985	-89.4	-11.45
3/29/1985	-89.0	-11.25
5/16/1985	-90.4	-11.38
7/24/1985	-89.5	-11.56
9/18/1985	-82.3	-10.05
11/13/1985	-89.5	-11.39
11/29/1984	-91.5	-11.85
3/18/1986	-90.8	-11.62
8/28/1987	-80.7	-9.38
7/15/1986	-86.5	-10.63
9/24/1986	-109.5	-14.46
11/24/1986	-86.6	-10.96
1/28/1987	-90.5	-11.41
3/25/1987	-91.7	-11.76
5/29/1987	-89.0	-11.42
7/23/1987	-85.1	-10.15
1/14/1986	-89.5	-11.18

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nevada**

Station Name: **Steptoe Creek Near Ely**

Station Number **10244950**

Hydrologic Unit Code: 16060008

Drainage Area
(square miles): 11.1

Latitude: 39° 12' 05"

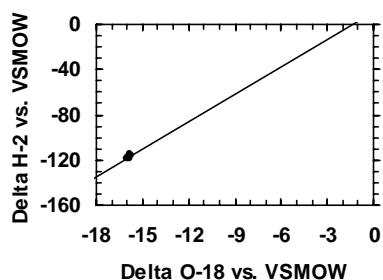
Datum (ft): 7440

Longitude: 114° 41' 15"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/4/1987	-118.4	-15.91
11/26/1986	-118.1	-15.93
8/28/1986	-117.8	-15.93
5/27/1986	-115.9	-15.68
3/20/1986	-119.6	-15.82
5/8/1985	-115.3	-15.78
3/6/1985	-117.2	-15.90
11/29/1984	-118.3	-16.00

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nevada**

Station Name: **South Twin River Near Round Mountain**

Station Number **10249300**

Hydrologic Unit Code: 16060004

Drainage Area
(square miles): 20

Latitude: 38° 53' 15"

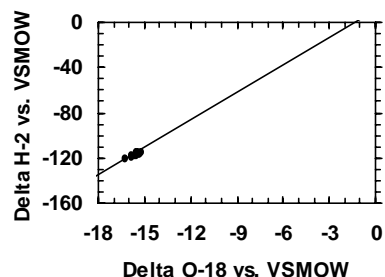
Datum (ft): 6400

Longitude: 117° 14' 40"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/3/1987	-115.4	-15.31
5/20/1987	-117.1	-15.59
3/23/1987	-117.9	-15.49
11/13/1986	-115.3	-15.48
8/29/1986	-117.9	-15.86
5/29/1986	-119.9	-16.21
3/19/1986	-115.6	-15.41
8/27/1985	-115.9	-15.35
5/7/1985	-118.6	-15.85
3/5/1985	-115.0	-15.35
11/28/1984	-114.5	-15.15

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nevada**

Station Name: **Walker River Near Wabuska**

Station Number **10301500**

Hydrologic Unit Code: 16050303

Drainage Area
(square miles): 2600

Latitude: 39° 09' 10"

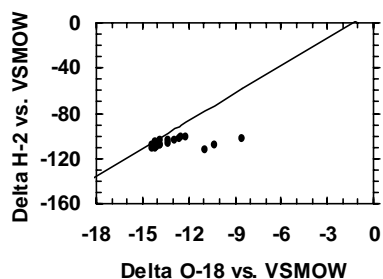
Datum (ft): 4280

Longitude: 119° 05' 50"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/13/1986	-106.6	-13.92
1/22/1985	-109.2	-14.05
3/20/1985	-110.7	-14.40
5/21/1985	-105.7	-13.33
7/23/1985	-100.1	-12.48
8/22/1985	-103.3	-12.87
11/21/1985	-108.1	-13.79
11/28/1984	-104.5	-14.15
3/11/1986	-107.8	-14.35
8/11/1987	-100.1	-12.21
7/15/1986	-103.6	-13.79
8/6/1986	-102.7	-13.28
11/17/1986	-107.7	-10.35
1/13/1987	-110.1	-14.20
3/3/1987	-112.1	-10.95
5/14/1987	-101.8	-8.55
6/24/1987	-101.5	-12.62
1/22/1986	-108.2	-13.88

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nevada**

Station Name: **Carson River Near Fort Churchill**

Station Number **10312000**

Hydrologic Unit Code: 16050202

Drainage Area
(square miles): 1302

Latitude: 39° 17' 30"

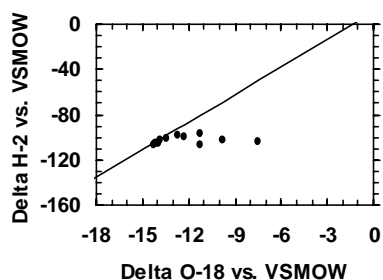
Datum (ft): 4214.7

Longitude: 119° 18' 40"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/10/1987	-95.6	-11.23
5/13/1987	-101.8	-9.80
3/4/1987	-106.6	-11.25
11/18/1986	-104.0	-7.45
8/5/1986	-98.1	-12.73
5/12/1986	-102.5	-13.88
3/10/1986	-100.9	-13.42
11/20/1985	-105.2	-14.00
8/21/1985	-99.6	-12.25
5/20/1985	-104.6	-14.12
3/19/1985	-105.5	-14.25
11/27/1984	-104.6	-13.95

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nevada**

Station Name: **Humboldt River Near Carlin**

Station Number **10321000**

Hydrologic Unit Code: 16040101

Drainage Area
(square miles): 4310

Latitude: 40° 43' 40"

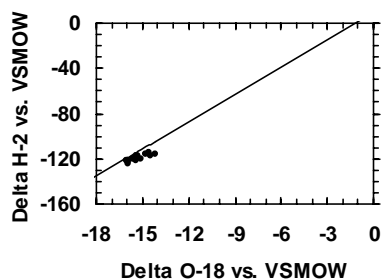
Datum (ft): 4931.91

Longitude: 116° 00' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/1/1987	-114.1	-14.61
3/24/1987	-120.9	-15.49
1/28/1987	-122.2	-15.44
11/25/1986	-119.7	-15.07
9/23/1986	-116.2	-14.13
7/23/1986	-115.8	-14.74
5/22/1986	-118.4	-15.42
3/27/1986	-122.2	-15.97
1/22/1986	-122.4	-16.00
11/19/1985	-124.3	-15.89
9/26/1985	-117.6	-14.48
5/21/1985	-116.8	-15.28
3/27/1985	-122.7	-15.90
1/22/1985	-121.7	-15.95
11/30/1984	-120.0	-15.65

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nevada**

Station Name: **Humboldt River Near Rye Patch**

Station Number **10335000**

Hydrologic Unit Code: 16040108

Drainage Area
(square miles): 16100

Latitude: 40° 28' 00"

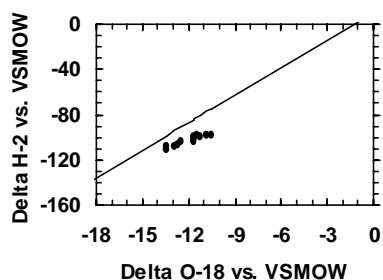
Datum (ft): 4068.53

Longitude: 118° 18' 20"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/24/1986	-102.1	-11.68
7/24/1986	-106.8	-12.69
5/23/1986	-108.0	-13.46
3/28/1986	-102.8	-11.69
1/23/1986	-97.5	-10.52
11/20/1985	-97.2	-10.79
9/24/1985	-98.8	-11.21
7/25/1985	-108.0	-12.87
5/23/1985	-110.5	-13.47
3/29/1985	-103.3	-12.45
1/24/1985	-98.7	-11.70
11/16/1984	-97.5	-11.45

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nevada**

Station Name: **Truckee River Near Nixon**

Station Number **10351700**

Hydrologic Unit Code: 16050103

Drainage Area
(square miles): 1827

Latitude: 39° 46' 40"

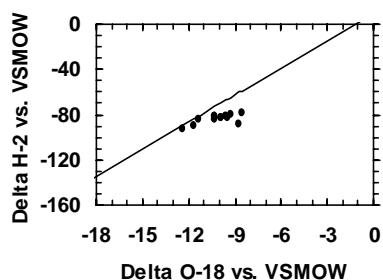
Datum (ft): 3940

Longitude: 119° 20' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/12/1987	-77.4	-8.57
5/28/1987	-88.0	-8.70
3/5/1987	-82.0	-9.93
11/19/1986	-81.6	-9.86
8/7/1986	-78.8	-9.29
5/14/1986	-89.2	-11.64
3/12/1986	-81.0	-10.26
11/22/1985	-80.2	-9.59
8/23/1985	-82.1	-9.48
5/22/1985	-92.6	-12.34
3/21/1985	-83.0	-10.25
11/29/1984	-83.9	-11.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Nevada**

Station Name: **Quinn River Near Mc Dermitt**

Station Number **10353500**

Hydrologic Unit Code: 16040201

Drainage Area
(square miles): 1100

Latitude: 41° 46' 30"

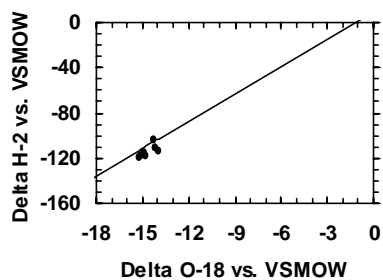
Datum (ft): 4240

Longitude: 117° 48' 15"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
11/20/1985	-104.0	-14.24
10/31/1985	-116.9	-14.76
7/24/1985	-113.2	-13.96
5/22/1985	-110.0	-14.10
3/28/1985	-118.3	-15.20
1/23/1985	-117.0	-15.10
11/15/1984	-114.7	-14.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Hampshire**

Station Name: **Connecticut River At North Walpole**

Station Number **01154500**

Hydrologic Unit Code: 01080104

Drainage Area
(square miles): 5493

Latitude: 43° 07' 34"

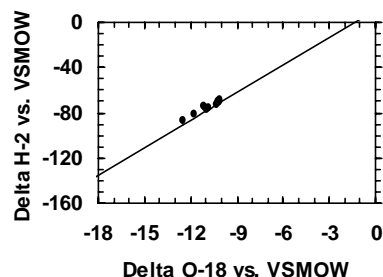
Datum (ft): 218.63

Longitude: 72° 26' 14"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/20/1987	-69.4	-10.07
6/23/1987	-75.2	-10.87
4/9/1987	-86.4	-12.47
11/20/1986	-70.5	-10.24
7/16/1986	-68.2	-10.14
3/25/1986	-73.8	-11.09
12/16/1985	-69.0	-10.19
8/7/1985	-76.3	-10.90
5/30/1985	-81.3	-11.77
3/29/1985	-74.9	-11.06
11/27/1984	-71.7	-10.27

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Jersey**

Station Name: **Passaic River At Little Falls**

Station Number **01389500**

Hydrologic Unit Code: 02030103

Drainage Area
(square miles): 762

Latitude: 40° 53' 05"

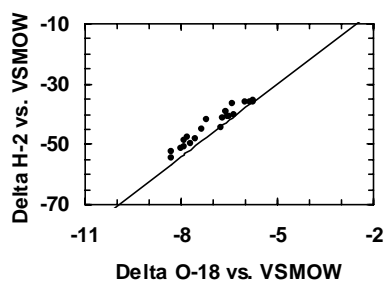
Datum (ft): 120

Longitude: 74° 13' 35"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
11/20/1986	-49.7	-7.71
1/7/1985	-45.0	-7.35
2/21/1985	-47.5	-7.80
5/29/1985	-39.1	-6.58
7/26/1985	-36.2	-5.73
11/15/1985	-36.2	-5.98
1/29/1986	-41.6	-7.21
2/27/1986	-48.6	-7.88
6/24/1986	-41.0	-6.49
11/16/1984	-41.5	-6.70
11/18/1986	-40.9	-6.53
9/23/1987	-35.8	-5.85
12/4/1986	-36.6	-6.38
12/19/1986	-51.4	-7.98
1/13/1987	-52.5	-8.31
3/27/1987	-51.0	-7.92
4/1/1987	-54.6	-8.29
4/29/1987	-48.2	-7.55
6/22/1987	-44.7	-6.74
8/10/1987	-35.3	-5.78
8/29/1986	-40.2	-6.38

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Jersey**

Station Name: **Raritan River At Queens Bridge At Bound Brook**

Station Number **01403300**

Hydrologic Unit Code: 02030105

Drainage Area
(square miles): 804

Latitude: 40° 33' 34"

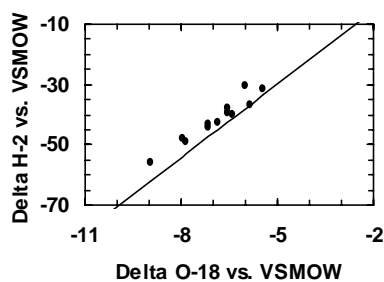
Datum (ft):

Longitude: 74° 31' 41"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/4/1987	-36.7	-5.86
4/28/1987	-44.0	-7.15
2/19/1987	-48.6	-7.83
12/3/1986	-30.0	-6.01
7/25/1986	-39.8	-6.40
5/5/1986	-42.9	-7.14
2/20/1986	-55.4	-8.97
11/13/1985	-39.2	-6.56
8/30/1985	-31.4	-5.44
6/21/1985	-37.4	-6.56
2/20/1985	-47.5	-7.95
11/19/1984	-42.5	-6.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Jersey**

Station Name: **Maurice River At Norma**

Station Number **01411500**

Hydrologic Unit Code: 02040206

Drainage Area
(square miles): 112

Latitude: 39° 29' 42"

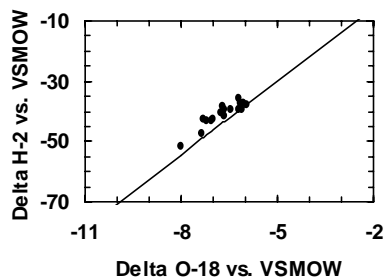
Datum (ft): 46.94

Longitude: 75° 04' 38"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/24/1986	-37.2	-6.17
1/9/1985	-43.0	-7.05
2/28/1985	-43.0	-7.20
5/23/1985	-35.5	-6.22
7/30/1985	-37.3	-6.06
11/14/1985	-39.4	-6.66
1/10/1986	-42.2	-7.02
11/21/1984	-40.0	-6.75
4/24/1986	-38.1	-6.68
9/24/1987	-39.2	-6.18
8/14/1986	-37.4	-5.97
11/18/1986	-39.2	-6.46
1/27/1987	-51.2	-8.02
3/19/1987	-46.9	-7.34
5/27/1987	-41.4	-6.65
7/30/1987	-39.0	-6.10
2/21/1986	-42.4	-7.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Jersey**

Station Name: **Delaware River At Trenton**

Station Number **01463500**

Hydrologic Unit Code: 02040105

Drainage Area
(square miles): 6780

Latitude: 40° 13' 18"

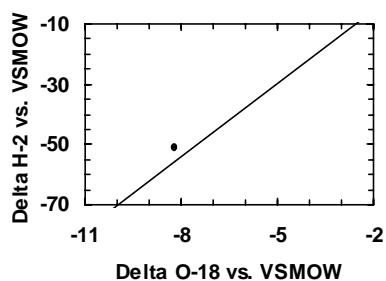
Datum (ft): 0

Longitude: 74° 46' 42"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
2/12/1985	-51.1	-8.20

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Jersey**

Station Name: **McDonalds B In Lebanon State Forest**

Station Number **01466500**

Hydrologic Unit Code: 02040202

Drainage Area
(square miles): 2.35

Latitude: 39° 53' 05"

Datum (ft): 117.73

Longitude: 74° 30' 20"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/29/1985	-40.6	-7.15
2/18/1986	-40.4	-7.11
1/21/1986	-41.0	-6.98
12/17/1985	-39.2	-6.78
11/18/1985	-39.7	-6.88
10/22/1985	-40.9	-7.02
8/19/1985	-41.2	-7.19
10/30/1984	-41.0	-7.05
6/25/1985	-42.0	-7.14
5/29/1986	-40.8	-6.98
4/26/1985	-41.0	-7.20
3/26/1985	-42.0	-7.10
2/26/1985	-43.0	-7.15
1/24/1985	-42.0	-7.10
12/21/1984	-42.0	-7.05
11/23/1984	-42.0	-7.15
7/22/1985	-40.2	-7.03
12/30/1986	-39.4	-6.68
8/25/1987	-38.5	-6.44
7/28/1987	-42.1	-6.77
6/30/1987	-38.6	-6.67
5/26/1987	-43.1	-6.83
4/29/1987	-42.3	-7.14
3/31/1987	-48.7	-7.67
3/21/1986	-39.1	-6.91
1/28/1987	-49.0	-7.91
4/25/1986	-38.3	-6.73
11/25/1986	-40.3	-6.65
10/28/1986	-43.1	-6.93
9/26/1986	-44.3	-7.07
8/25/1986	-42.3	-6.97
7/23/1986	-41.3	-7.07
6/25/1986	-41.0	-7.03
9/29/1987	-41.7	-6.82
2/24/1987	-50.0	-7.92

State: **New Jersey**

Station Name: **McDonalds B In Lebanon State Forest**

Station Number **01466500**

Hydrologic Unit Code: 02040202

Drainage Area
(square miles): 2.35

Latitude: 39° 53' 05"

Datum (ft): 117.73

Longitude: 74° 30' 20"

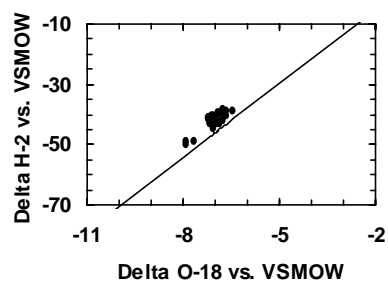
Collection
Date:

Delta H-2 in per mill
relative to VSMOW:

Delta O-18 in per mill
relative to VSMOW:

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **Canadian River Near Sanchez**

Station Number **07221500**

Hydrologic Unit Code: 11080003

Drainage Area
(square miles): 6015

Latitude: 35° 39' 08"

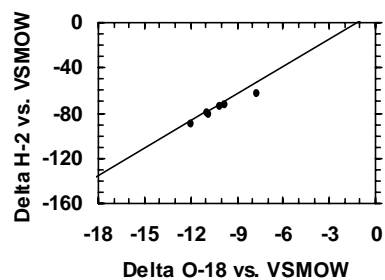
Datum (ft): 4495

Longitude: 104° 22' 39"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/18/1987	-62.6	-7.71
6/17/1987	-81.0	-10.85
5/19/1987	-88.5	-11.96
2/25/1987	-79.3	-10.92
1/7/1987	-72.6	-9.81
11/12/1986	-73.9	-10.14

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **Canadian River Above NM-TX State Line**

Station Number **07227140**

Hydrologic Unit Code: 11080006

Drainage Area
(square miles): 0

Latitude: 35° 23' 24"

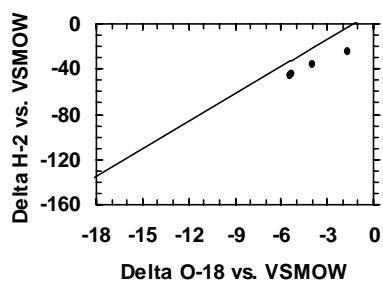
Datum (ft):

Longitude: 103° 02' 36"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
12/12/1985	-44.1	-5.31
9/11/1985	-24.7	-1.71
1/29/1985	-44.9	-5.41
11/14/1984	-34.8	-3.97

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **Rio Grande At Otowi Bridge**

Station Number **08313000**

Hydrologic Unit Code: 13020101

Drainage Area
(square miles): 14300

Latitude: 35° 52' 29"

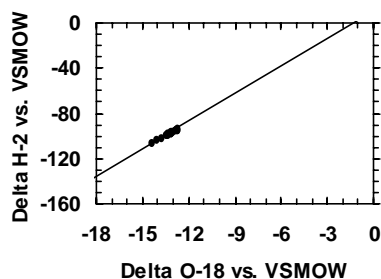
Datum (ft): 5488.48

Longitude: 106° 08' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/14/1986	-98.1	-13.15
1/7/1985	-97.3	-13.11
3/1/1985	-99.8	-13.37
6/4/1985	-104.1	-14.03
8/1/1985	-96.1	-13.00
9/17/1985	-95.5	-12.84
11/1/1985	-96.8	-13.14
11/9/1984	-95.2	-12.84
3/13/1986	-96.4	-13.01
9/1/1987	-93.6	-12.66
9/24/1986	-95.5	-12.72
11/13/1986	-94.3	-12.69
1/6/1987	-97.1	-13.29
3/3/1987	-94.2	-12.79
5/5/1987	-105.8	-14.39
6/30/1987	-101.6	-13.71
1/14/1986	-99.4	-13.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **Rio Grande Conveyance Channel At San Marcial**

Station Number **08358300**

Hydrologic Unit Code: 13020203

Drainage Area
(square miles): 0

Latitude: 33° 41' 07"

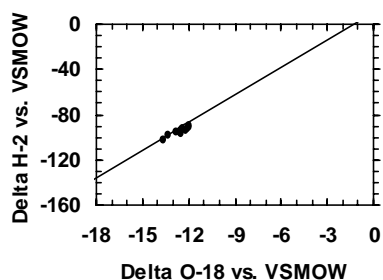
Datum (ft): 4454

Longitude: 106° 59' 40"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/3/1987	-93.5	-12.49
7/21/1986	-91.9	-12.35
5/21/1986	-92.9	-12.18
3/18/1986	-95.6	-12.46
1/24/1986	-94.7	-12.64
11/26/1985	-89.1	-11.95
9/17/1985	-91.6	-12.10
7/17/1985	-98.0	-13.27
5/17/1985	-102.1	-13.64
3/19/1985	-95.4	-12.79
1/25/1985	-92.0	-12.35
11/15/1984	-90.5	-11.95

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **Rio Grande Floodway At San Marcial**

Station Number **08358400**

Hydrologic Unit Code: 13020203

Drainage Area
(square miles): 27700

Latitude: 33° 40' 50"

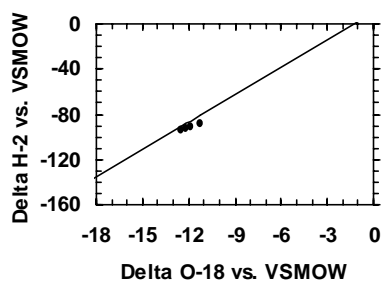
Datum (ft): 4455.19

Longitude: 106° 59' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/3/1987	-87.5	-11.24
3/5/1987	-92.9	-12.44
11/13/1986	-92.4	-12.20
9/4/1986	-90.2	-11.88

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **Rio Grande At El Paso**

Station Number **08364000**

Hydrologic Unit Code: 13030102

Drainage Area
(square miles): 29267

Latitude: 31° 48' 10"

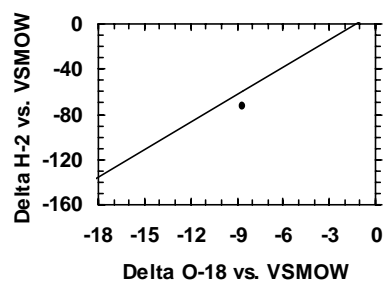
Datum (ft): 3722.3

Longitude: 106° 32' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
11/12/1984	-72.5	-8.65

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **Rio Mora Near Terrero**

Station Number **08377900**

Hydrologic Unit Code: 13060001

Drainage Area
(square miles): 53.2

Latitude: 35° 46' 38"

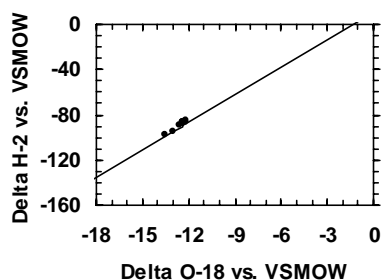
Datum (ft): 7890

Longitude: 105° 39' 27"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/25/1987	-89.8	-12.59
12/4/1986	-86.7	-12.40
3/25/1986	-94.6	-12.96
11/26/1985	-86.6	-12.17
9/16/1985	-84.7	-12.12
5/28/1985	-97.6	-13.55
2/27/1985	-88.4	-12.40
11/23/1984	-86.7	-12.36

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **Pecos River Above Santa Rosa Lake**

Station Number **08382650**

Hydrologic Unit Code: 13060001

Drainage Area
(square miles): 2340

Latitude: 35° 03' 35"

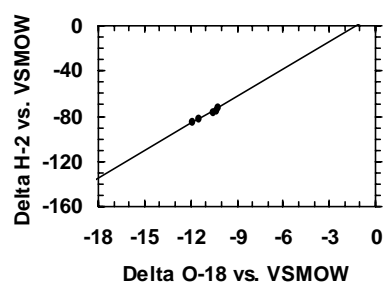
Datum (ft): 4760

Longitude: 104° 45' 41"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/14/1987	-75.4	-10.30
7/15/1987	-72.6	-10.18
5/12/1987	-84.4	-11.82
3/18/1987	-82.7	-11.40
1/14/1987	-76.7	-10.51

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **Pecos River At Red Bluff**

Station Number **08407500**

Hydrologic Unit Code: 13060011

Drainage Area
(square miles): 19540

Latitude: 32° 04' 30"

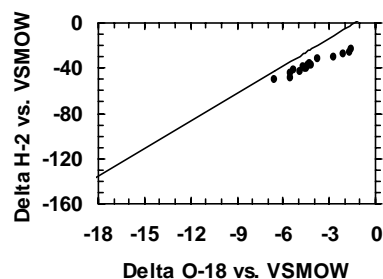
Datum (ft): 2850.05

Longitude: 104° 02' 21"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/8/1986	-26.1	-1.63
12/27/1984	-43.5	-5.50
3/12/1985	-39.0	-4.45
4/25/1985	-29.6	-2.67
6/25/1985	-26.9	-2.05
8/29/1985	-23.0	-1.52
10/30/1985	-37.0	-4.29
10/29/1984	-39.5	-4.60
2/27/1986	-36.0	-4.25
8/28/1987	-37.4	-4.19
7/30/1986	-31.1	-3.71
9/10/1986	-37.0	-4.37
11/7/1986	-40.4	-5.31
1/8/1987	-49.5	-6.55
5/7/1987	-47.5	-5.52
6/30/1987	-41.9	-4.93
1/2/1986	-38.9	-4.67

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **Mimbres River At Mimbres**

Station Number **08477110**

Hydrologic Unit Code: 13030202

Drainage Area
(square miles): 184

Latitude: 32° 51' 17"

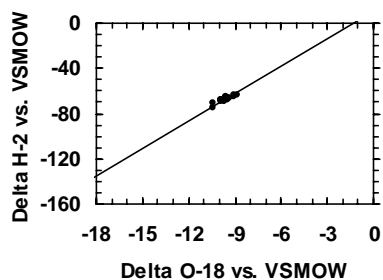
Datum (ft):

Longitude: 107° 58' 23"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/1/1987	-64.9	-9.53
5/4/1987	-74.5	-10.43
3/25/1987	-67.7	-9.85
1/6/1987	-69.2	-9.66
8/20/1986	-64.2	-9.04
7/16/1986	-64.3	-8.85
5/2/1986	-67.6	-9.45
3/17/1986	-66.7	-9.36
10/18/1985	-67.6	-9.93
9/20/1985	-65.9	-9.38
7/9/1985	-67.0	-9.47
5/21/1985	-69.3	-9.90
3/14/1985	-71.2	-10.42
1/10/1985	-66.0	-9.45
11/8/1984	-64.5	-9.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **Rio Tularosa Near Bent**

Station Number **08481500**

Hydrologic Unit Code: 13050003

Drainage Area
(square miles): 120

Latitude: 33° 08' 41"

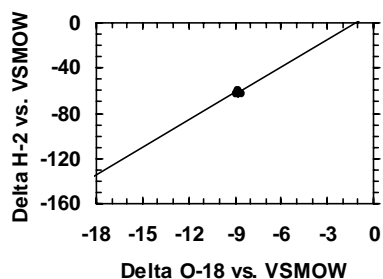
Datum (ft): 5450

Longitude: 105° 53' 50"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/29/1986	-61.4	-8.70
1/15/1985	-62.5	-8.90
3/25/1985	-63.0	-8.80
5/29/1985	-61.7	-8.58
7/31/1985	-60.8	-8.72
9/27/1985	-61.7	-8.79
11/27/1985	-62.1	-8.77
11/7/1984	-62.0	-8.75
3/25/1986	-62.0	-8.72
9/18/1987	-60.7	-8.79
7/31/1986	-61.9	-8.76
9/23/1986	-62.2	-8.79
11/18/1986	-62.6	-8.78
1/13/1987	-59.1	-8.87
3/19/1987	-61.2	-8.81
5/14/1987	-60.9	-8.87
6/18/1987	-60.1	-8.76
1/30/1986	-62.0	-8.75

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **Animas River At Farmington**

Station Number **09364500**

Hydrologic Unit Code: 14080104

Drainage Area
(square miles): 1360

Latitude: 36° 43' 17"

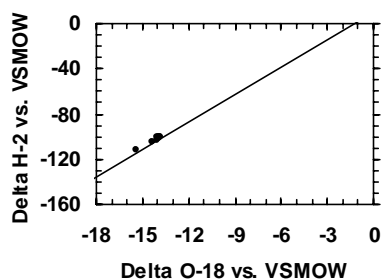
Datum (ft): 5280

Longitude: 108° 12' 05"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/18/1987	-111.5	-15.41
3/17/1987	-103.0	-14.01
11/17/1986	-100.9	-13.79
8/11/1986	-101.2	-13.95
5/8/1986	-101.1	-14.10
3/25/1986	-101.8	-13.92
9/10/1985	-101.0	-13.89
5/1/1985	-104.3	-14.41
11/6/1984	-100.0	-13.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **San Juan River At Shiprock**

Station Number **09368000**

Hydrologic Unit Code: 14080105

Drainage Area
(square miles): 12900

Latitude: 36° 47' 32"

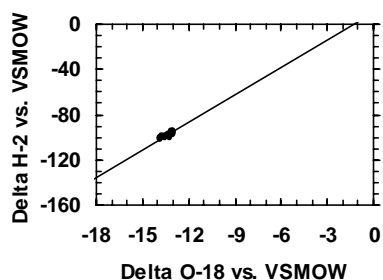
Datum (ft): 4848.68

Longitude: 108° 43' 54"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/18/1987	-94.4	-12.99
11/18/1986	-94.6	-13.06
8/12/1986	-96.0	-13.12
7/9/1986	-99.8	-13.72
5/6/1986	-100.2	-13.85
3/26/1986	-96.3	-13.09
1/14/1986	-95.6	-13.13
11/5/1985	-97.5	-13.35
9/10/1985	-95.8	-13.01
4/30/1985	-99.0	-13.17
1/10/1985	-98.5	-13.50
11/7/1984	-95.0	-13.15

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **Mogollon Creek Near Cliff**

Station Number **09430600**

Hydrologic Unit Code: 15040001

Drainage Area 69
(square miles):

Latitude: 33° 10' 00"

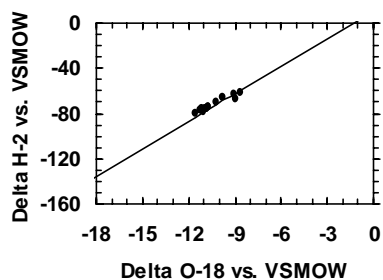
Datum (ft): 5440

Longitude: 108° 38' 57"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/6/1987	-74.9	-10.93
3/24/1987	-77.2	-11.06
11/20/1986	-73.5	-10.67
8/19/1986	-60.3	-8.65
4/29/1986	-73.3	-10.68
3/19/1986	-74.6	-10.84
11/19/1985	-69.3	-10.22
9/18/1985	-62.0	-9.10
7/9/1985	-66.3	-8.93
5/23/1985	-76.1	-11.27
4/3/1985	-79.1	-11.57
1/10/1985	-75.5	-11.10
11/6/1984	-65.5	-9.75

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New Mexico**

Station Name: **Gila River Near Redrock**

Station Number **09431500**

Hydrologic Unit Code: 15040002

Drainage Area
(square miles): 2829

Latitude: 32° 43' 37"

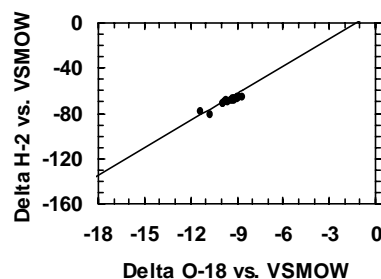
Datum (ft): 4090

Longitude: 108° 40' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/16/1986	-80.9	-10.77
1/8/1985	-68.0	-9.65
3/14/1985	-77.7	-11.29
5/22/1985	-70.5	-9.84
7/11/1985	-65.5	-8.82
9/10/1985	-65.5	-8.88
11/20/1985	-66.9	-9.19
11/7/1984	-64.5	-8.95
5/1/1986	-67.9	-9.28
9/2/1987	-66.7	-8.95
8/20/1986	-64.8	-8.59
11/19/1986	-66.2	-9.24
1/6/1987	-67.7	-9.37
3/25/1987	-69.5	-9.59
5/7/1987	-69.4	-9.78
6/2/1987	-67.8	-9.13
3/18/1986	-71.0	-9.90

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **Nissequogue River Near Smithtown**

Station Number **01304000**

Hydrologic Unit Code: 02030201

Drainage Area
(square miles): 27

Latitude: 40° 50' 58"

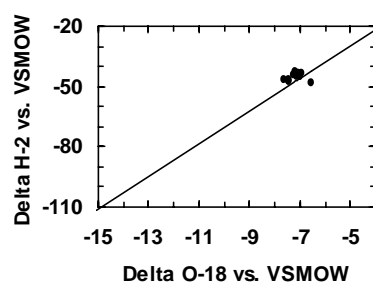
Datum (ft): 9.59

Longitude: 73° 13' 29"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/3/1987	-42.2	-7.16
6/24/1987	-44.0	-7.03
3/24/1987	-46.1	-7.40
12/22/1986	-47.8	-6.57
7/8/1986	-44.5	-7.01
6/3/1986	-45.0	-7.15
3/26/1986	-44.0	-7.22
12/31/1985	-46.5	-7.60
9/5/1985	-43.2	-6.90
6/4/1985	-43.0	-7.05
2/27/1985	-46.8	-7.44
11/27/1984	-46.7	-7.41

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **Carmans River At Yaphank**

Station Number **01305000**

Hydrologic Unit Code: 02030202

Drainage Area
(square miles): 71

Latitude: 40° 49' 49"

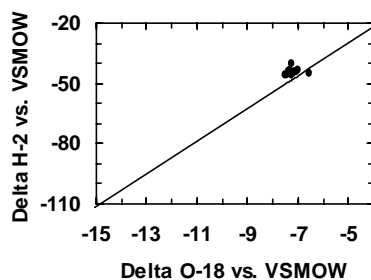
Datum (ft): 17.95

Longitude: 72° 54' 24"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/3/1987	-39.9	-7.25
6/24/1987	-44.5	-7.24
3/25/1987	-45.6	-7.27
12/23/1986	-45.1	-6.57
8/26/1986	-43.8	-7.11
7/9/1986	-43.3	-7.02
6/3/1986	-43.9	-7.08
3/26/1986	-43.8	-7.32
12/31/1985	-45.7	-7.47
9/6/1985	-43.5	-7.31
6/11/1985	-44.9	-7.21
2/27/1985	-44.1	-7.40
11/28/1984	-45.3	-7.45

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **Hudson River At Green Island**

Station Number **01358000**

Hydrologic Unit Code: 02020003

Drainage Area
(square miles): 8090

Latitude: 42° 45' 08"

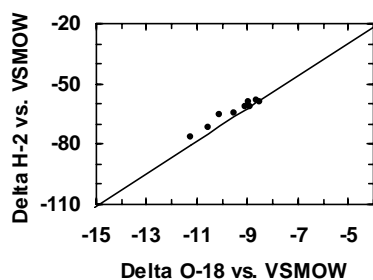
Datum (ft): -0.31

Longitude: 73° 41' 22"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
11/13/1986	-61.4	-8.88
8/5/1986	-61.5	-9.10
5/6/1986	-72.0	-10.56
3/9/1986	-76.5	-11.23
11/26/1985	-58.2	-8.62
8/21/1985	-59.1	-8.50
6/11/1985	-64.6	-9.50
3/19/1985	-65.4	-10.09
11/21/1984	-59.0	-8.95

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **Esopus Creek At Shandaken**

Station Number **01362198**

Hydrologic Unit Code: 02020006

Drainage Area
(square miles): 59.5

Latitude: 42° 06' 59"

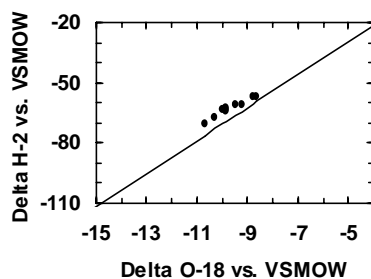
Datum (ft): 1017.27

Longitude: 74° 23' 20"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/25/1987	-70.5	-10.70
11/14/1986	-56.9	-8.62
8/6/1986	-60.4	-9.47
3/20/1986	-67.3	-10.27
11/27/1985	-56.6	-8.77
9/26/1985	-60.7	-9.24
6/12/1985	-63.1	-9.87
4/9/1985	-63.3	-9.97
3/6/1985	-63.4	-9.87
11/20/1984	-62.5	-9.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **Cattaraugus Creek At Gowanda**

Station Number **04213500**

Hydrologic Unit Code: 04120102

Drainage Area
(square miles): 436

Latitude: 42° 27' 50"

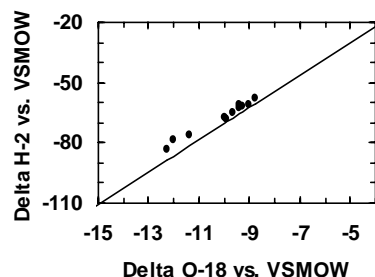
Datum (ft): 738.85

Longitude: 78° 56' 07"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/19/1987	-57.2	-8.79
6/23/1987	-60.9	-9.02
3/11/1987	-82.8	-12.25
10/30/1986	-60.9	-9.39
8/19/1986	-64.9	-9.65
6/17/1986	-61.4	-9.26
3/19/1986	-78.4	-11.98
10/29/1985	-62.4	-9.37
8/21/1985	-67.6	-9.89
6/13/1985	-67.3	-10.01
3/29/1985	-75.7	-11.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **Tonawanda Creek At Batavia**

Station Number **04217000**

Hydrologic Unit Code: 04120104

Drainage Area
(square miles): 171

Latitude: 42° 59' 51"

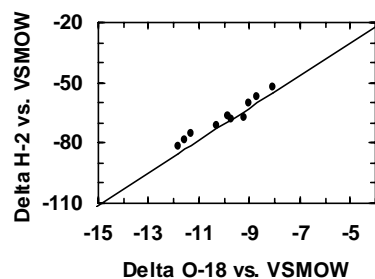
Datum (ft): 876.33

Longitude: 78° 11' 20"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/13/1987	-51.9	-8.07
5/21/1987	-71.2	-10.30
1/15/1987	-78.2	-11.54
8/19/1986	-59.6	-9.05
6/17/1986	-66.2	-9.83
3/19/1986	-80.9	-11.85
10/30/1985	-56.9	-8.70
8/20/1985	-66.9	-9.24
6/12/1985	-67.9	-9.75
3/28/1985	-75.1	-11.31

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **Niagara River (Lake Ontario) At Fort Niagara**

Station Number **04219640**

Hydrologic Unit Code: 04120104

Drainage Area
(square miles): 265000

Latitude: 43° 16' 10"

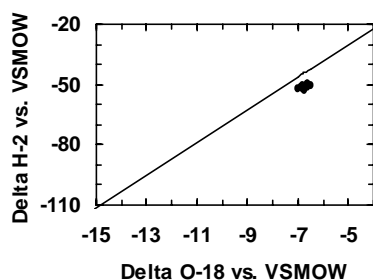
Datum (ft):

Longitude: 79° 03' 52"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/18/1987	-49.7	-6.60
6/25/1987	-51.3	-6.70
5/12/1987	-52.4	-6.76
10/29/1986	-50.1	-6.51
8/21/1986	-50.5	-6.62
6/19/1986	-52.1	-6.77
5/7/1986	-52.1	-6.99
10/30/1985	-49.8	-6.62
8/21/1985	-50.4	-6.63
6/13/1985	-50.3	-6.83
5/21/1985	-51.1	-6.86
11/27/1984	-51.1	-6.61

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **Genesee River (Charlotte Docks) At Rochester**

Station Number **04232006**

Hydrologic Unit Code: 04130003

Drainage Area
(square miles): 2457

Latitude: 43° 13' 26"

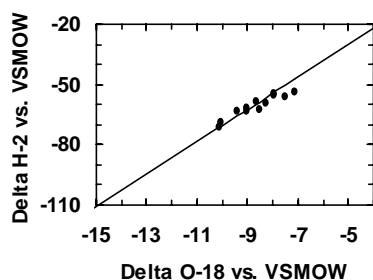
Datum (ft):

Longitude: 77° 36' 59"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/17/1987	-55.5	-7.51
6/24/1987	-62.2	-8.55
5/11/1987	-70.9	-10.08
10/28/1986	-58.4	-8.64
8/20/1986	-54.8	-7.92
6/18/1986	-61.1	-9.03
5/6/1986	-68.8	-10.04
10/29/1985	-53.9	-7.92
8/20/1985	-53.6	-7.11
6/12/1985	-58.9	-8.27
5/20/1985	-62.7	-9.04
11/26/1984	-63.2	-9.38

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **Oswego River At Lock 7 At Oswego**

Station Number **04249000**

Hydrologic Unit Code: 04140203

Drainage Area
(square miles): 5100

Latitude: 43° 27' 06"

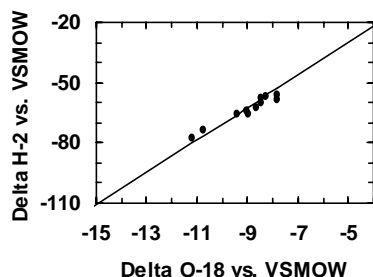
Datum (ft): 246

Longitude: 76° 30' 20"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/20/1987	-56.0	-7.79
6/22/1987	-65.1	-8.96
3/12/1987	-77.6	-11.18
10/27/1986	-57.7	-8.42
8/18/1986	-59.8	-8.45
6/16/1986	-63.9	-9.01
3/18/1986	-73.4	-10.76
10/28/1985	-56.5	-8.24
8/19/1985	-57.9	-7.83
6/11/1985	-62.2	-8.65
3/27/1985	-65.6	-9.43

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **Sandy Creek Near Adams**

Station Number **04250750**

Hydrologic Unit Code: 04140102

Drainage Area
(square miles): 128

Latitude: 43° 48' 48"

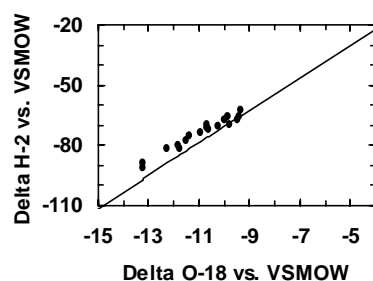
Datum (ft): 523.71

Longitude: 76° 04' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/29/1986	-81.7	-12.24
2/12/1985	-73.5	-10.95
3/26/1985	-79.5	-11.85
5/7/1985	-69.4	-10.67
7/9/1985	-67.3	-9.97
8/13/1985	-69.3	-9.76
11/5/1985	-65.6	-9.86
10/24/1984	-62.5	-9.35
3/24/1986	-90.6	-13.24
8/25/1987	-66.7	-9.49
7/8/1986	-72.0	-10.60
8/26/1986	-70.3	-10.24
11/4/1986	-70.7	-10.69
1/28/1987	-77.7	-11.49
3/11/1987	-88.5	-13.21
4/22/1987	-81.2	-11.77
7/28/1987	-65.4	-9.41
1/14/1986	-74.9	-11.36

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **Black River At Watertown**

Station Number **04260500**

Hydrologic Unit Code: 04150101

Drainage Area
(square miles): 1874

Latitude: 43° 59' 08"

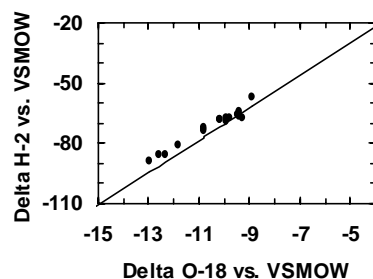
Datum (ft): 373.88

Longitude: 75° 55' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/29/1986	-80.8	-11.81
2/12/1985	-67.5	-10.15
3/26/1985	-72.5	-10.80
5/7/1985	-72.2	-10.79
7/9/1985	-66.6	-9.90
8/13/1985	-66.5	-9.41
11/5/1985	-56.4	-8.88
10/25/1984	-64.0	-9.40
3/24/1986	-88.5	-12.94
8/26/1987	-66.8	-9.31
7/8/1986	-68.9	-9.94
8/26/1986	-65.6	-9.50
11/4/1986	-66.7	-9.81
1/28/1987	-73.2	-10.79
3/11/1987	-85.3	-12.59
4/22/1987	-85.6	-12.30
7/28/1987	-65.8	-9.39
1/14/1986	-68.1	-10.19

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **Oswegatchie River Near Heuvelton**

Station Number **04263000**

Hydrologic Unit Code: 04150302

Drainage Area
(square miles): 965

Latitude: 44° 35' 58"

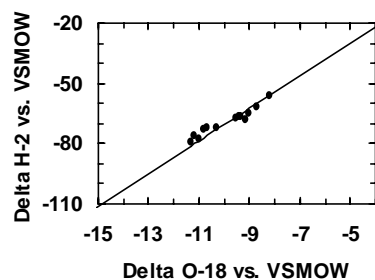
Datum (ft): 288.85

Longitude: 75° 22' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/17/1987	-64.5	-9.01
7/24/1987	-66.2	-9.37
5/6/1987	-77.6	-10.99
1/20/1987	-71.9	-10.67
12/16/1986	-72.8	-10.80
8/20/1986	-61.6	-8.68
6/10/1986	-71.7	-10.30
3/6/1986	-76.1	-11.17
10/22/1985	-55.5	-8.19
8/12/1985	-68.1	-9.17
6/13/1985	-66.6	-9.54
3/13/1985	-79.0	-11.30
10/19/1984	-66.5	-9.40

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **St Lawrence River At Cornwall, Ontario, Near Massena**

Station Number **04264331**

Hydrologic Unit Code: 04150301

Drainage Area
(square miles): 298800

Latitude: 45° 00' 22"

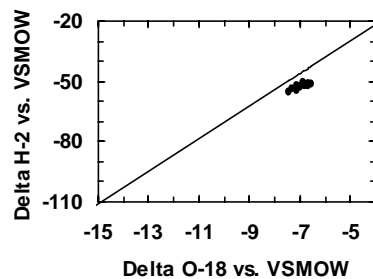
Datum (ft):

Longitude: 74° 47' 43"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/26/1986	-55.0	-7.45
1/28/1985	-51.0	-6.70
3/25/1985	-52.0	-6.95
6/24/1985	-51.7	-7.11
7/29/1985	-50.4	-6.84
8/26/1985	-51.7	-6.64
10/26/1984	-51.0	-6.60
1/29/1986	-52.3	-6.99
8/14/1987	-52.0	-6.69
5/27/1986	-53.3	-7.28
6/25/1986	-52.8	-7.06
8/28/1986	-51.2	-6.66
10/28/1986	-50.7	-6.65
2/9/1987	-51.8	-6.83
6/3/1987	-54.4	-7.11
10/28/1985	-51.1	-6.56

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **Raquette River At Raymondville**

Station Number **04268000**

Hydrologic Unit Code: 04150305

Drainage Area
(square miles): 1125

Latitude: 44° 50' 20"

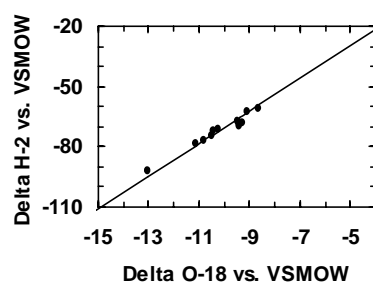
Datum (ft): 183.33

Longitude: 74° 58' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/11/1987	-69.3	-9.43
6/2/1987	-76.2	-10.78
3/10/1987	-91.8	-13.02
10/22/1986	-62.1	-9.11
8/19/1986	-67.2	-9.49
6/11/1986	-73.8	-10.47
3/10/1986	-71.0	-10.23
10/23/1985	-60.4	-8.63
8/15/1985	-68.2	-9.41
6/13/1985	-71.9	-10.42
3/14/1985	-78.5	-11.15
10/22/1984	-68.0	-9.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **St Regis River At Brasher Center**

Station Number **04269000**

Hydrologic Unit Code: 04150306

Drainage Area
(square miles): 612

Latitude: 44° 51' 49"

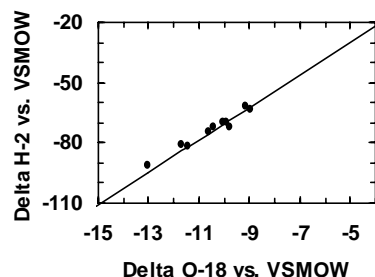
Datum (ft): 217.23

Longitude: 74° 46' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/10/1987	-62.9	-8.97
3/9/1987	-91.2	-13.02
10/23/1986	-69.1	-10.04
8/18/1986	-69.4	-9.90
6/9/1986	-72.2	-10.44
3/11/1986	-80.3	-11.66
10/23/1985	-61.7	-9.14
8/16/1985	-71.5	-9.77
6/10/1985	-73.9	-10.61
3/12/1985	-81.0	-11.45
10/23/1984	-74.0	10.40

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **New York**

Station Name: **Richelieu River (L Champlain) At Rouses Point**

Station Number **04295000**

Hydrologic Unit Code: 02010006

Drainage Area
(square miles): 8277

Latitude: 44° 59' 46"

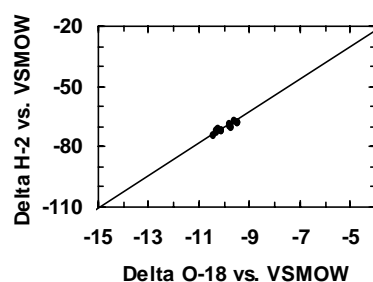
Datum (ft):

Longitude: 73° 21' 37"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/4/1987	-67.5	-9.48
5/16/1987	-71.7	-10.10
4/27/1987	-72.0	-10.09
10/27/1986	-66.7	-9.62
8/7/1986	-69.7	-9.76
5/21/1986	-72.3	-10.27
4/23/1986	-74.0	-10.39
10/16/1985	-67.5	-9.47
7/31/1985	-68.6	-9.78
5/16/1985	-71.9	-10.27
4/18/1985	-70.8	-10.21
10/17/1984	-70.5	-9.70

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Carolina**

Station Name: **Tar River At Tarboro**

Station Number **02083500**

Hydrologic Unit Code: 03020103

Drainage Area
(square miles): 2183

Latitude: 35° 53' 38"

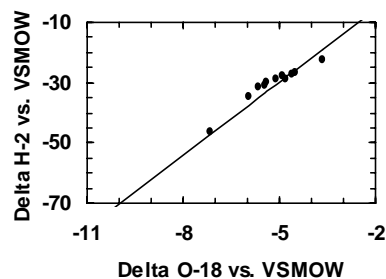
Datum (ft): 10.37

Longitude: 77° 32' 00"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/1/1987	-22.4	-3.66
4/27/1987	-34.3	-5.93
1/29/1987	-46.3	-7.15
11/13/1986	-26.2	-4.49
5/21/1986	-26.8	-4.59
2/10/1986	-29.4	-5.39
11/26/1985	-28.4	-4.79
11/13/1985	-30.7	-5.45
5/29/1985	-27.3	-4.90
1/31/1985	-31.5	-5.65
11/8/1984	-28.5	-5.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Carolina**

Station Name: **Contentnea Creek At Hookerton**

Station Number **02091500**

Hydrologic Unit Code: 03020203

Drainage Area
(square miles): 729

Latitude: 35° 25' 40"

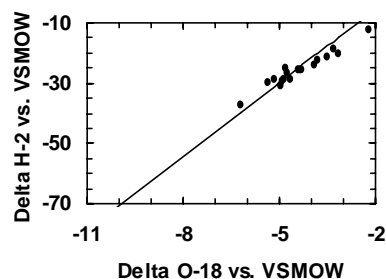
Datum (ft): 16

Longitude: 77° 34' 54"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/6/1986	-24.0	-3.88
1/7/1985	-28.5	-5.15
3/20/1985	-24.7	-4.80
5/13/1985	-26.3	-4.76
7/10/1985	-21.3	-3.48
9/5/1985	-25.3	-4.29
11/18/1985	-25.5	-4.37
11/7/1984	-28.5	-4.85
3/11/1986	-29.2	-4.89
9/1/1987	-18.5	-3.31
7/9/1986	-12.4	-2.20
9/9/1986	-25.2	-4.39
11/5/1986	-22.2	-3.83
1/8/1987	-30.8	-4.93
1/29/1987	-36.9	-6.22
5/12/1987	-29.7	-5.35
7/23/1987	-20.3	-3.13
1/7/1986	-28.5	-4.64

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Carolina**

Station Name: **Yadkin River At Yadkin College**

Station Number **02116500**

Hydrologic Unit Code: 03040101

Drainage Area
(square miles): 2280

Latitude: 35° 51' 24"

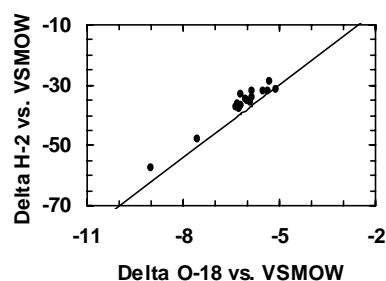
Datum (ft): 638.65

Longitude: 80° 23' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/20/1986	-34.1	-5.86
2/11/1985	-36.5	-6.20
4/1/1985	-35.0	-6.00
5/15/1985	-33.0	-6.18
7/24/1985	-31.9	-5.33
8/19/1985	-28.6	-5.31
11/26/1985	-34.3	-6.06
11/20/1984	-32.0	-5.85
3/12/1986	-37.6	-6.24
9/2/1987	-35.3	-5.88
7/23/1986	-31.4	-5.09
9/2/1986	-31.9	-5.49
11/25/1986	-36.4	-6.22
2/3/1987	-47.6	-7.54
3/2/1987	-57.1	-8.99
6/2/1987	-37.3	-6.23
7/7/1987	-37.0	-6.33
2/3/1986	-35.9	-6.29

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Carolina**

Station Name: **Rock Creek Near Norwood**

Station Number **02126000**

Hydrologic Unit Code: 03040105

Drainage Area
(square miles): 1372

Latitude: 35° 08' 54"

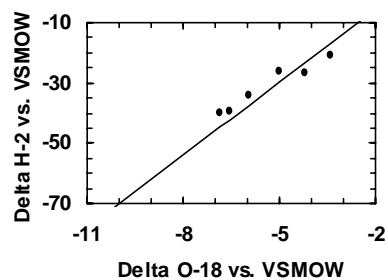
Datum (ft): 212.91

Longitude: 80° 10' 33"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/4/1987	-20.5	-3.42
6/11/1987	-26.7	-4.19
4/20/1987	-34.1	-5.96
3/2/1987	-39.7	-6.83
2/2/1987	-39.1	-6.55
11/25/1986	-25.9	-4.99

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Carolina**

Station Name: **Pee Dee River Near Rockingham**

Station Number **02129000**

Hydrologic Unit Code: 03040201

Drainage Area
(square miles): 6863

Latitude: 34° 56' 46"

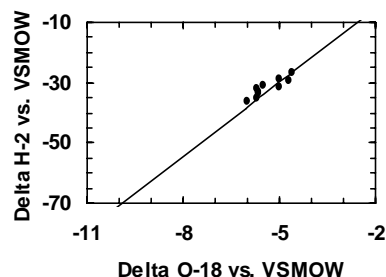
Datum (ft): 120.68

Longitude: 79° 52' 11"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/19/1987	-36.1	-5.99
6/19/1987		-6.06
1/13/1987	-33.1	-5.64
9/3/1986	-29.0	-4.71
5/19/1986	-31.1	-5.00
2/19/1986	-34.8	-5.69
12/17/1985	-33.2	-5.64
9/17/1985	-26.5	-4.61
5/14/1985	-30.5	-5.52
4/2/1985	-32.0	-5.70
11/19/1984	-28.5	-5.00

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Carolina**

Station Name: **French Broad River At Marshall**

Station Number **03453500**

Hydrologic Unit Code: 06010105

Drainage Area
(square miles): 1332

Latitude: 35° 47' 10"

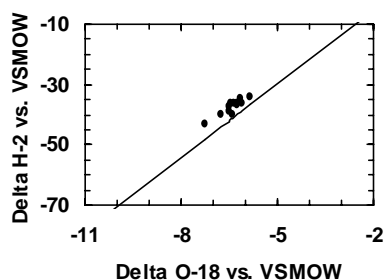
Datum (ft): 1646.79

Longitude: 82° 39' 39"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/14/1987	-34.4	-6.17
6/8/1987	-38.7	-6.51
3/3/1987	-42.7	-7.27
11/17/1986	-36.0	-6.11
9/22/1986	-34.1	-5.84
5/13/1986	-39.7	-6.39
1/29/1986	-39.8	-6.73
11/19/1985	-36.5	-6.25
9/16/1985	-36.1	-6.24
5/22/1985	-37.0	-6.49
2/6/1985	-36.2	-6.44
12/4/1984	-36.2	-6.37

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Carolina**

Station Name: **Cataloochee Creek Near Cataloochee**

Station Number **03460000**

Hydrologic Unit Code: 06010106

Drainage Area
(square miles): 49.2

Latitude: 35° 40' 02"

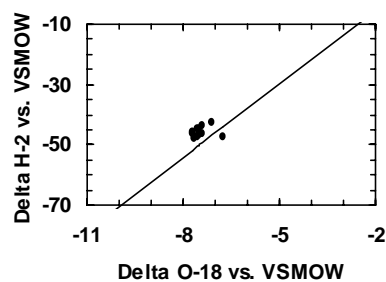
Datum (ft): 2456.88

Longitude: 83° 04' 22"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/14/1987	-46.0	-7.42
6/8/1987	-47.3	-7.53
3/10/1987	-46.6	-7.50
11/17/1986	-42.2	-7.09
9/22/1986	-43.2	-7.40
5/12/1986	-47.3	-6.76
2/11/1986	-47.8	-7.65
11/18/1985	-45.8	-7.49
9/17/1985	-44.8	-7.50
6/28/1985	-46.3	-7.71
2/4/1985	-44.8	-7.55
12/3/1984	-45.5	-7.70

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Dakota**

Station Name: **Sheyenne River Near Kindred**

Station Number **05059000**

Hydrologic Unit Code: 09020204

Drainage Area
(square miles): 8800

Latitude: 46° 37' 54"

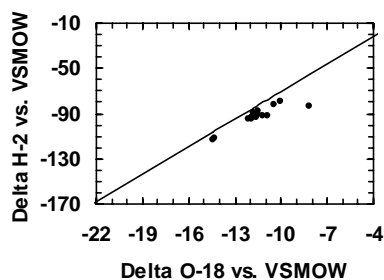
Datum (ft): 925.55

Longitude: 97° 00' 01"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/3/1987	-92.8	-11.91
6/23/1987	-89.9	-11.77
3/27/1987	-90.3	-11.63
3/9/1987	-94.4	-12.17
12/10/1986	-93.4	-11.61
10/28/1986	-88.0	-11.49
8/8/1986	-91.4	-11.52
7/1/1986	-80.1	-9.99
4/10/1986	-111.3	-14.26
12/18/1985	-82.4	-10.44
10/31/1985	-83.1	-8.19
6/28/1985	-92.4	-10.83
4/18/1985	-91.4	-11.15
3/27/1985	-113.0	-14.41
12/20/1984	-94.8	-11.95

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Dakota**

Station Name: **Beaver Creek Near Finley**

Station Number **05064900**

Hydrologic Unit Code: 09020109

Drainage Area
(square miles): 160

Latitude: 47° 35' 40"

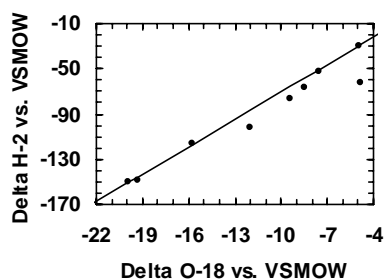
Datum (ft): 1170.08

Longitude: 97° 42' 18"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/28/1987	-29.4	-4.96
6/3/1987	-76.7	-9.42
3/12/1987	-116.7	-15.74
10/22/1986	-62.6	-4.83
3/25/1986	-149.6	-19.87
11/4/1985	-66.4	-8.45
9/10/1985	-52.8	-7.53
5/8/1985	-102.5	-11.97
3/18/1985	-148.1	-19.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Dakota**

Station Name: **Red River At Emerson, Manitoba**

Station Number **05102500**

Hydrologic Unit Code: 09020311

Drainage Area
(square miles): 40200

Latitude: 49° 00' 30"

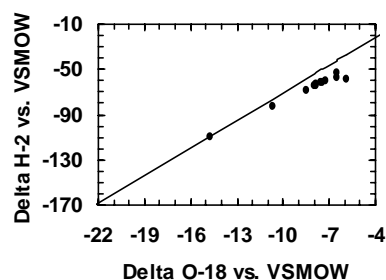
Datum (ft): 700

Longitude: 97° 12' 40"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/1/1987	-60.2	-7.20
6/15/1987	-64.4	-7.99
4/16/1987	-109.6	-14.72
1/27/1987	-63.3	-7.81
8/23/1986	-57.4	-6.51
3/4/1986	-57.8	-5.85
11/5/1985	-60.5	-7.50
8/13/1985	-52.9	-6.48
6/27/1985	-62.4	-7.84
5/2/1985	-82.4	-10.69
3/13/1985	-61.6	-7.48
2/1/1985	-67.8	-8.51

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Dakota**

Station Name: **Souris River Near Westhope**

Station Number **05124000**

Hydrologic Unit Code: 09010003

Drainage Area
(square miles): 16900

Latitude: 48° 59' 47"

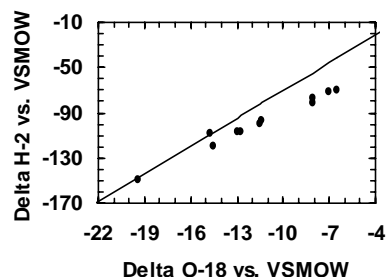
Datum (ft): 1402.52

Longitude: 100° 57' 29"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/15/1987	-70.8	-6.98
4/2/1987	-108.1	-14.73
3/4/1987	-107.0	-12.70
11/19/1986	-76.7	-8.06
8/27/1986	-69.9	-6.45
4/30/1986	-118.6	-14.52
1/8/1986	-99.2	-11.53
10/17/1985	-80.1	-8.09
4/4/1985	-149.2	-19.40
1/4/1985	-106.4	-12.95
11/16/1984	-95.7	-11.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Dakota**

Station Name: **Bear Den Creek Near Mandaree**

Station Number **06332515**

Hydrologic Unit Code: 10110101

Drainage Area
(square miles): 74

Latitude: 47° 47' 14"

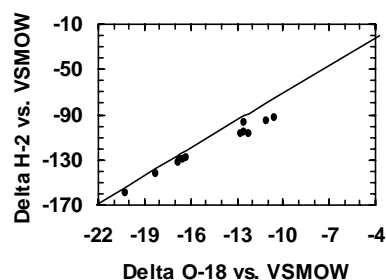
Datum (ft): 1947.58

Longitude: 102° 46' 05"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/9/1987	-106.5	-12.69
5/15/1987	-106.2	-12.24
2/18/1987	-141.6	-18.23
12/1/1986	-131.2	-16.85
8/4/1986	-94.9	-11.12
5/15/1986	-96.9	-12.54
3/17/1986	-158.0	-20.24
10/21/1985	-128.3	-16.71
8/8/1985	-92.6	-10.58
6/6/1985	-104.3	-12.56
3/25/1985	-129.6	-16.48
11/5/1984	-127.1	-16.25

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Dakota**

Station Name: **Little Missouri River Near Watford City**

Station Number **06337000**

Hydrologic Unit Code: 10110205

Drainage Area
(square miles): 8310

Latitude: 47° 35' 25"

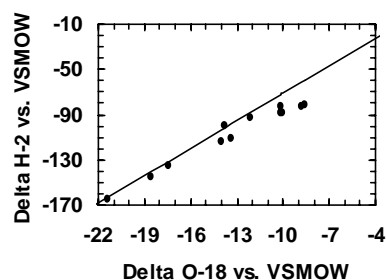
Datum (ft): 1929.03

Longitude: 103° 15' 05"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/10/1987	-81.6	-8.79
5/29/1987	-88.2	-10.14
4/4/1987	-98.5	-13.82
12/2/1986	-134.4	-17.45
8/5/1986	-87.5	-10.07
5/20/1986	-92.2	-12.15
3/14/1986	-164.9	-21.41
10/22/1985	-114.0	-13.97
8/27/1985	-81.0	-8.59
6/7/1985	-81.9	-10.12
3/27/1985	-143.9	-18.54
11/6/1984	-110.1	-13.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Dakota**

Station Name: **Missouri River At Garrison Dam**

Station Number **06338490**

Hydrologic Unit Code: 10130101

Drainage Area
(square miles): 181400

Latitude: 47° 30' 08"

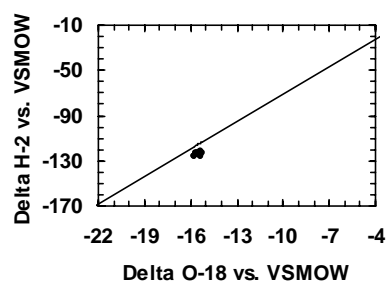
Datum (ft):

Longitude: 101° 25' 50"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/1/1987	-122.6	-15.53
4/1/1987	-126.0	-15.77
1/28/1987	-124.7	-15.63
12/17/1986	-122.6	-15.37
10/29/1986	-125.4	-15.46
6/11/1986	-124.1	-15.39
4/16/1986	-125.7	-15.37
1/29/1986	-125.6	-15.34
12/11/1985	-122.7	-15.22
10/23/1985	-123.1	-15.33
8/1/1985	-126.2	-15.75
5/1/1985	-123.3	-15.70
2/7/1985	-123.7	-15.60
12/19/1984	-122.5	-15.35
11/7/1984	-122.0	-15.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Dakota**

Station Name: **Knife River At Hazen**Station Number **06340500**

Hydrologic Unit Code: 10130201

Drainage Area (square miles): 2240

Latitude: 47° 17' 07"

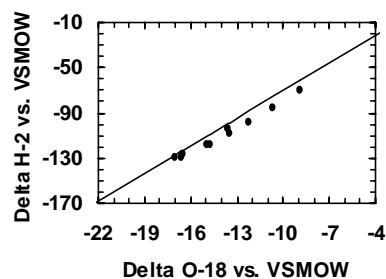
Datum (ft): 1712.35

Longitude: 101° 37' 18"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/28/1987	-69.5	-8.91
1/27/1987	-126.5	-16.49
10/28/1986	-103.6	-13.62
7/22/1986	-85.0	-10.63
1/28/1986	-129.6	-16.58
10/22/1985	-107.4	-13.48
9/10/1985	-97.8	-12.17
4/30/1985	-118.2	-14.90
2/6/1985	-128.9	-17.05
11/6/1984	-117.0	-14.75

Delta H-2 vs. Delta O-18

**Global Meteoric Water Line
(Rozanski and others, 1993) shown**



State: **North Dakota**

Station Name: **Heart River Near Mandan**

Station Number **06349000**

Hydrologic Unit Code: 10130203

Drainage Area
(square miles): 3310

Latitude: 46° 50' 12"

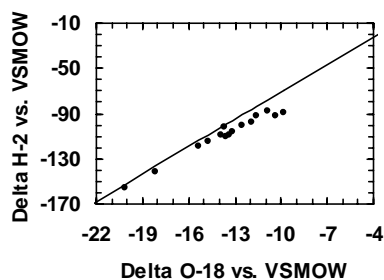
Datum (ft): 1638.7

Longitude: 100° 58' 27"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/1/1987	-87.7	-10.85
7/13/1987	-91.6	-11.56
4/6/1987	-102.2	-13.63
1/26/1987	-114.5	-14.72
9/18/1986	-100.8	-12.48
6/19/1986	-108.8	-13.37
3/13/1986	-156.4	-20.08
1/28/1986	-109.6	-13.88
12/20/1985	-110.5	-13.56
11/5/1985	-98.2	-11.93
7/29/1985	-89.5	-9.87
6/10/1985	-92.5	-10.36
3/20/1985	-141.5	-18.12
2/5/1985	-118.3	-15.31
11/6/1984	-106.2	-13.21

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **North Dakota**

Station Name: **Cannonball River At Breien**

Station Number **06354000**

Hydrologic Unit Code: 10130206

Drainage Area
(square miles): 4100

Latitude: 46° 22' 33"

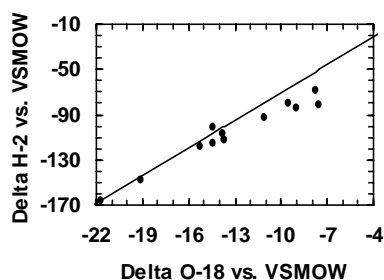
Datum (ft): 1676.54

Longitude: 100° 56' 03"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/11/1987	-68.2	-7.71
4/30/1987	-101.3	-14.39
1/29/1987	-117.0	-15.25
11/25/1986	-106.4	-13.77
9/17/1986	-79.4	-9.47
3/12/1986	-165.8	-21.66
1/29/1986	-115.4	-14.41
10/30/1985	-84.1	-9.01
7/30/1985	-80.2	-7.50
4/29/1985	-111.3	-13.70
3/21/1985	-147.2	-19.10
11/14/1984	-92.2	-11.05

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Ohio**

Station Name: **Hocking River Below Athens**

Station Number **03159510**

Hydrologic Unit Code: 05030204

Drainage Area
(square miles): 957

Latitude: 39° 19' 39"

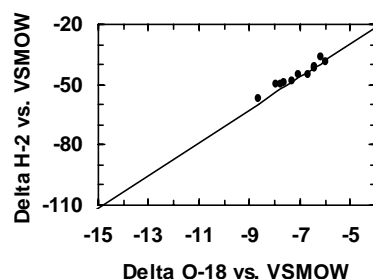
Datum (ft):

Longitude: 82° 00' 18"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/5/1987	-38.7	-5.98
5/7/1987	-49.5	-7.74
2/26/1987	-48.9	-7.65
7/30/1986	-41.9	-6.41
5/28/1986	-44.7	-7.04
3/18/1986	-49.6	-7.91
11/12/1985	-36.0	-6.19
8/14/1985	-41.0	-6.43
6/5/1985	-48.1	-7.32
3/5/1985	-56.5	-8.65
12/5/1984	-45.0	-6.70

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Ohio**

Station Name: **Upper Twin Creek At McGaw**

Station Number **03237280**

Hydrologic Unit Code: 05090201

Drainage Area
(square miles): 12.2

Latitude: 38° 38' 37"

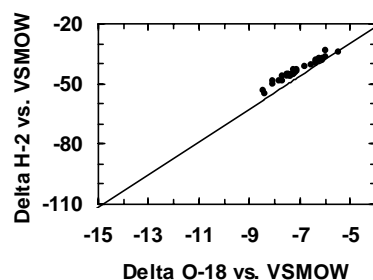
Datum (ft): 543.41

Longitude: 83° 12' 57"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/29/1985	-45.6	-7.48
10/16/1984	-38.0	-6.10
12/16/1985	-45.1	-7.42
11/18/1985	-43.3	-7.25
10/16/1985	-37.5	-6.10
9/4/1985	-37.2	-6.22
2/12/1986	-46.2	-7.66
7/9/1985	-42.9	-7.09
3/6/1986	-49.0	-8.07
4/30/1985	-49.0	-7.70
3/26/1985	-50.5	-8.10
2/27/1985	-53.5	-8.45
1/29/1985	-46.0	-7.50
12/11/1984	-45.5	-7.45
11/8/1984	-39.0	-6.35
8/7/1985	-38.2	-6.35
10/15/1986	-36.8	-5.95
7/21/1987	-40.9	-6.54
6/9/1987	-44.9	-7.20
5/12/1987	-48.5	-7.82
4/21/1987	-55.4	-8.41
3/30/1987	-46.6	-7.39
1/15/1986	-45.1	-7.49
12/16/1986	-41.6	-6.79
8/25/1987	-34.0	-5.47
9/17/1986	-38.8	-6.26
8/21/1986	-33.5	-5.96
7/29/1986	-39.8	-6.33
6/11/1986	-43.6	-7.12
5/20/1986	-45.7	-7.32
4/26/1986	-46.3	-7.40
2/10/1987	-45.3	-7.26

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Ohio**

Station Name: **G Miami River At New Baltimore**

Station Number **03274600**

Hydrologic Unit Code: 05080002

Drainage Area
(square miles): 3814

Latitude: 39° 15' 47"

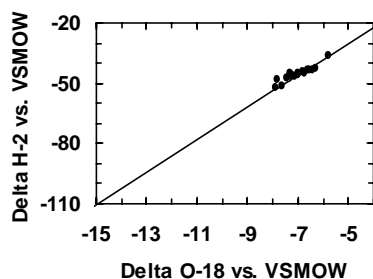
Datum (ft):

Longitude: 84° 40' 04"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/11/1986	-45.2	-7.26
1/24/1985	-51.0	-7.65
3/21/1985	-52.0	-7.85
7/23/1985	-43.1	-6.44
8/20/1985	-43.8	-6.80
10/2/1985	-43.2	-6.57
12/18/1985	-44.5	-7.33
10/18/1984	-44.5	-6.75
5/7/1986	-44.4	-7.00
8/18/1987	-42.4	-6.31
8/13/1986	-43.4	-6.64
10/1/1986	-45.9	-7.00
12/17/1986	-47.0	-7.42
3/11/1987	-46.6	-7.28
5/13/1987	-46.5	-7.09
7/15/1987	-36.2	-5.80
3/5/1986	-48.1	-7.83

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Ohio**

Station Name: **Sandusky River Near Fremont**

Station Number **04198000**

Hydrologic Unit Code: 04100011

Drainage Area
(square miles): 1251

Latitude: 41° 18' 28"

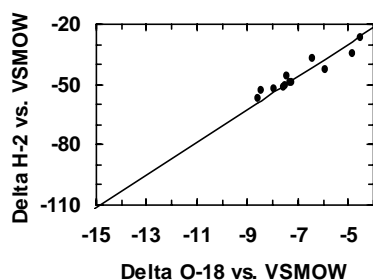
Datum (ft): 626.3

Longitude: 83° 09' 32"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/25/1987	-34.7	-4.85
4/29/1987	-51.3	-7.59
3/25/1987	-51.5	-7.92
11/19/1986	-49.9	-7.50
9/10/1986	-42.2	-5.92
6/4/1986	-48.4	-7.26
3/12/1986	-52.9	-8.47
11/20/1985	-45.3	-7.46
9/12/1985	-26.5	-4.49
5/15/1985	-48.6	-7.28
3/13/1985	-57.0	-8.55
11/15/1984	-37.0	-6.40

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Ohio**

Station Name: **Grand River At Painesville**

Station Number **04212200**

Hydrologic Unit Code: 04110004

Drainage Area
(square miles): 701

Latitude: 41° 44' 09"

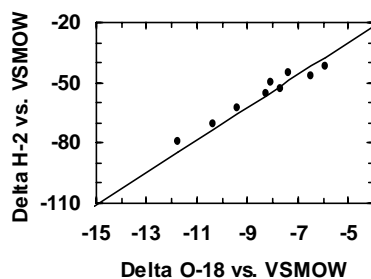
Datum (ft):

Longitude: 81° 15' 59"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/28/1987	-70.1	-10.33
11/19/1986	-54.7	-8.25
9/4/1986	-46.2	-6.45
6/5/1986	-52.9	-7.70
3/12/1986	-79.0	-11.75
11/20/1985	-49.8	-8.06
9/11/1985	-41.2	-5.93
5/14/1985	-41.1	-1.31
3/12/1985	-62.5	-9.40
11/14/1984	-45.0	-7.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oklahoma**

Station Name: **Cimarron River Near Buffalo**

Station Number **07157950**

Hydrologic Unit Code: 11050001

Drainage Area
(square miles): 12004

Latitude: 36° 51' 07"

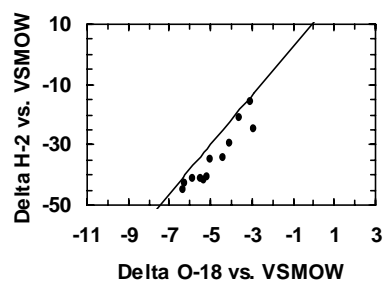
Datum (ft): 1599.67

Longitude: 99° 18' 54"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/30/1987	-24.6	-2.88
5/13/1987	-34.4	-5.01
2/13/1987	-41.1	-5.84
12/17/1986	-42.7	-6.22
8/14/1986	-15.6	-3.07
4/30/1986	-29.4	-4.07
3/6/1986	-40.5	-5.20
11/7/1985	-41.3	-5.33
7/23/1985	-20.8	-3.59
5/22/1985	-34.0	-4.38
3/6/1985	-41.0	-5.50
12/28/1984	-44.5	-6.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oklahoma**

Station Name: **Cimarron River At Perkins**

Station Number **07161000**

Hydrologic Unit Code: 11050003

Drainage Area
(square miles): 17852

Latitude: 35° 57' 27"

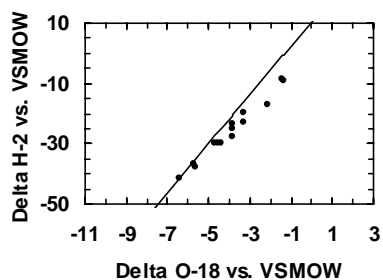
Datum (ft): 819.88

Longitude: 97° 01' 54"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/24/1987	-20.0	-3.33
5/19/1987	-27.6	-3.83
4/2/1987	-37.6	-5.65
9/29/1986	-41.7	-6.42
7/16/1986	-8.9	-1.38
5/28/1986	-23.4	-3.85
3/26/1986	-22.7	-3.28
1/31/1986	-29.9	-4.51
11/25/1985	-29.7	-4.70
9/11/1985	-8.4	-1.42
7/16/1985	-17.1	-2.11
5/29/1985	-25.0	-3.86
3/26/1985	-52.0	-7.60
2/6/1985	-36.6	-5.72
11/19/1984	-29.6	-4.38

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oklahoma**

Station Name: **Deep Fork Near Beggs**

Station Number **07243500**

Hydrologic Unit Code: 11100303

Drainage Area
(square miles): 2018

Latitude: 35° 40' 26"

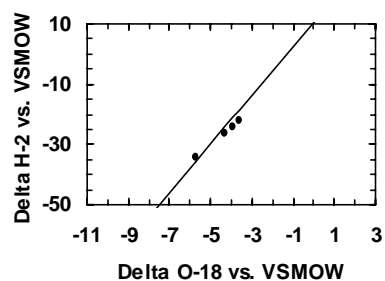
Datum (ft): 632.55

Longitude: 96° 04' 06"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/7/1986	-22.0	-3.63
11/6/1985	-26.1	-4.29
5/22/1985	-24.2	-3.89
1/21/1985	-34.3	-5.72

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oklahoma**

Station Name: **Blue Beaver Creek Near Cache**

Station Number **07311200**

Hydrologic Unit Code: 11130203

Drainage Area
(square miles): 24.6

Latitude: 34° 37' 24"

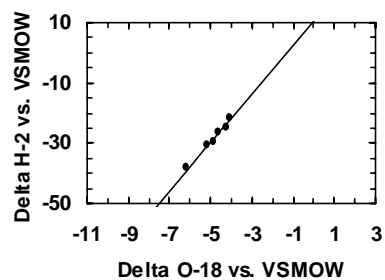
Datum (ft): 1215.26

Longitude: 98° 33' 48"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/31/1987	-37.7	-6.16
2/27/1986	-24.4	-4.21
11/25/1985	-21.2	-4.07
5/8/1985	-30.3	-5.14
3/18/1985	-29.4	-4.84
12/18/1984	-26.2	-4.62

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oklahoma**

Station Name: **Washita River Near Dickson**

Station Number **07331000**

Hydrologic Unit Code: 11130303

Drainage Area
(square miles): 7202

Latitude: 34° 14' 00"

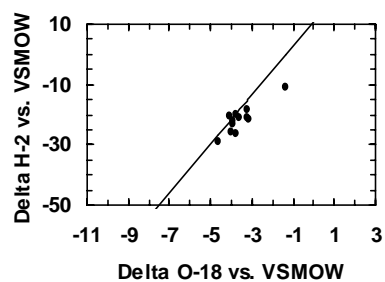
Datum (ft): 650.57

Longitude: 96° 58' 32"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/15/1987	-23.0	-3.89
6/23/1987	-21.7	-3.93
4/20/1987	-26.3	-3.77
1/28/1987	-28.9	-4.62
9/23/1986	-21.0	-3.58
7/24/1986	-10.6	-1.33
5/21/1986	-18.1	-3.19
3/24/1986	-21.0	-3.22
1/22/1986	-25.8	-3.97
11/18/1985	-20.3	-4.07
7/23/1985	-21.4	-3.13
12/19/1984	-19.8	-3.79

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oklahoma**

Station Name: **Kiamichi River Near Big Cedar**

Station Number **07335700**

Hydrologic Unit Code: 11140105

Drainage Area
(square miles): 40.1

Latitude: 34° 38' 18"

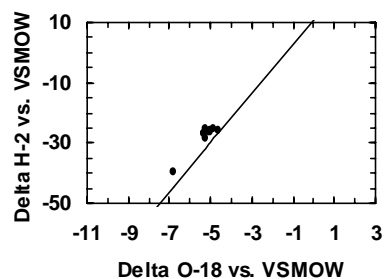
Datum (ft): 886.97

Longitude: 94° 36' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
12/8/1986	-39.4	-6.81
6/13/1986	-25.0	-4.82
4/23/1986	-26.0	-5.07
3/13/1986	-28.0	-5.24
1/31/1986	-25.4	-5.02
12/5/1985	-25.9	-5.00
7/10/1985	-25.7	-4.64
5/1/1985	-26.8	-5.35
4/3/1985	-26.4	-5.34
2/6/1985	-25.1	-5.23

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oregon**

Station Name: **Crater Lake Near Crater Lake**

Station Number **11492200**

Hydrologic Unit Code: 18010201

Drainage Area
(square miles): 26.2

Latitude: 42° 58' 45"

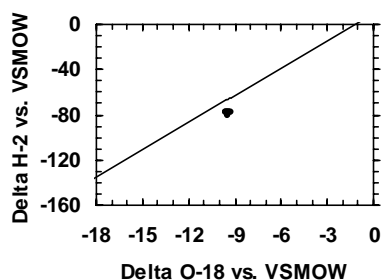
Datum (ft): 0

Longitude: 122° 04' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/1/1987	-78.1	-9.39
5/21/1987	-78.5	-9.51
4/14/1987	-78.0	-9.53
10/16/1986	-77.4	-9.53
3/5/1986	-80.1	-9.51
10/16/1985	-78.3	-9.44
8/15/1985	-77.6	-9.28
6/18/1985	-78.0	-9.38

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oregon**

Station Name: **Minam River At Minam**

Station Number **13331500**

Hydrologic Unit Code: 17060105

Drainage Area
(square miles): 240

Latitude: 45° 37' 12"

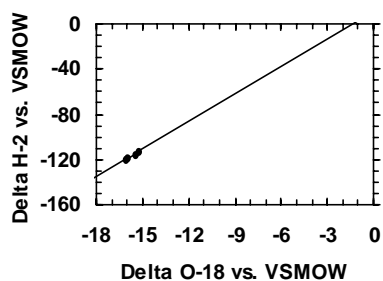
Datum (ft): 2540.48

Longitude: 117° 43' 32"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/26/1987	-113.4	-15.17
5/5/1987	-118.5	-15.92
3/3/1987	-116.0	-15.36
11/18/1986	-120.2	-16.04

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oregon**

Station Name: **John Day River At McDonald Ferry**

Station Number **14048000**

Hydrologic Unit Code: 17070204

Drainage Area
(square miles): 7580

Latitude: 45° 35' 16"

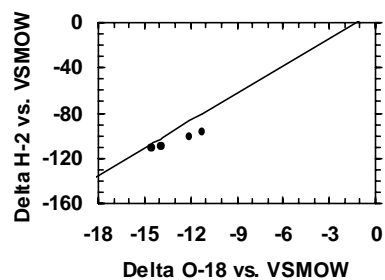
Datum (ft): 392.27

Longitude: 120° 24' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/12/1987	-96.3	-11.28
5/27/1987	-108.3	-13.81
2/10/1987	-111.0	-14.44
11/12/1986	-108.5	-13.98
7/29/1986	-100.8	-12.03
5/22/1986	-110.9	-14.57

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oregon**

Station Name: **Deschutes River At Moody, Near Biggs**

Station Number **14103000**

Hydrologic Unit Code: 17070306

Drainage Area
(square miles): 10500

Latitude: 45° 37' 20"

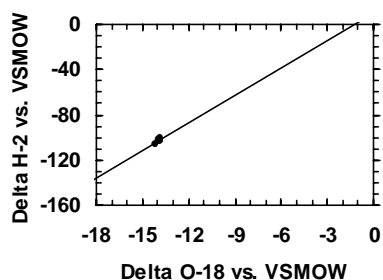
Datum (ft): 167.54

Longitude: 120° 54' 05"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/30/1987	-105.6	-14.11
7/27/1987	-101.0	-13.83
5/19/1987	-103.6	-13.93
3/17/1987	-103.3	-13.96
1/21/1987	-105.6	-14.14
12/3/1986	-102.4	-13.90
9/10/1986	-103.4	-13.80
5/20/1986	-102.8	-13.82

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oregon**

Station Name: **Columbia River At Warrendale**

Station Number **14128910**

Hydrologic Unit Code: 17080001

Drainage Area
(square miles): 240400

Latitude: 45° 36' 45"

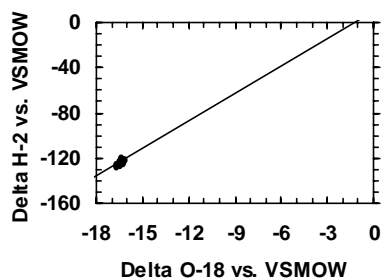
Datum (ft): 0

Longitude: 122° 01' 35"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/9/1987	-125.6	-16.44
5/12/1987	-123.6	-16.32
3/18/1987	-125.4	-16.60
11/19/1986	-125.8	-16.44
9/4/1986	-126.7	-16.39
3/26/1986	-122.0	-16.11
11/5/1985	-124.7	-16.24
7/25/1985	-120.5	-16.29
4/17/1985	-123.8	-16.46
1/24/1985	-127.2	-16.61

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oregon**

Station Name: **Tualatin River At West Linn**

Station Number **14207500**

Hydrologic Unit Code: 17090010

Drainage Area
(square miles): 706

Latitude: 45° 21' 03"

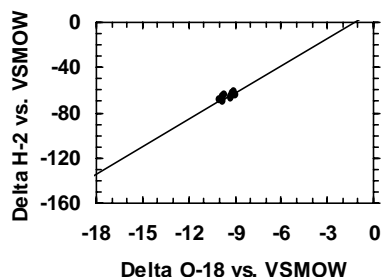
Datum (ft): 85.61

Longitude: 122° 40' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/19/1987	-64.3	-9.16
4/22/1987	-62.4	-9.14
3/26/1987	-68.7	-9.83
11/12/1986	-63.7	-9.02
8/26/1986	-65.8	-9.22
2/28/1986	-68.5	-9.94
10/25/1985	-64.2	-8.93
7/15/1985	-65.9	-9.22
4/19/1985	-64.4	-9.65
1/22/1985	-65.2	-9.79
10/23/1984	-60.7	-9.01

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oregon**

Station Name: **Willamette River At Portland**

Station Number **14211720**

Hydrologic Unit Code: 17090012

Drainage Area
(square miles): 11100

Latitude: 45° 31' 04"

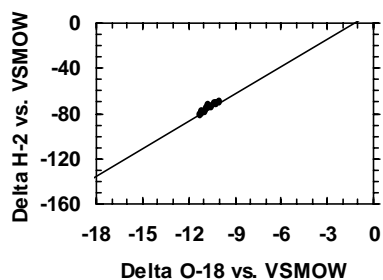
Datum (ft): 1.55

Longitude: 122° 40' 07"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/14/1987	-79.9	-11.16
7/28/1987	-78.2	-10.97
5/13/1987	-74.3	-10.62
3/19/1987	-71.2	-10.22
1/28/1987	-69.4	-9.95
11/20/1986	-72.9	-10.70
9/24/1986	-80.2	-11.25
1/15/1986	-73.2	-10.49
7/24/1985	-77.8	-11.14
6/13/1985	-73.2	-10.76
4/16/1985	-74.5	-10.87
2/21/1985	-70.1	-10.26
12/19/1984	-70.2	-10.21

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oregon**

Station Name: **Nehalem River Near Foss**

Station Number **14301000**

Hydrologic Unit Code: 17100202

Drainage Area
(square miles): 667

Latitude: 45° 42' 15"

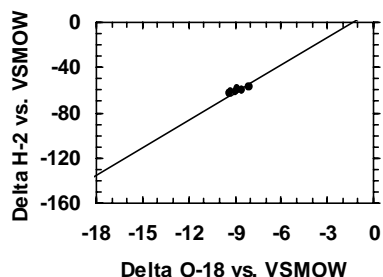
Datum (ft): 32.6

Longitude: 123° 45' 15"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/2/1987	-56.2	-8.01
5/27/1987	-59.6	-8.85
2/25/1987	-60.3	-8.97
11/26/1986	-58.7	-8.86
8/27/1986	-56.1	-8.07
2/10/1986	-61.6	-9.26
10/15/1985	-59.2	-8.53
7/29/1985	-59.1	-8.57
4/8/1985	-62.6	-9.33
1/10/1985	-62.3	-9.36
10/24/1984	-59.0	-8.84

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oregon**

Station Name: **Alsea River Near Tidewater**

Station Number **14306500**

Hydrologic Unit Code: 17100205

Drainage Area
(square miles): 334

Latitude: 44° 23' 10"

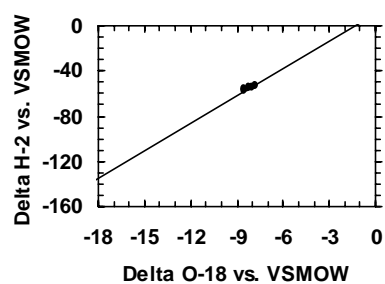
Datum (ft): 48.16

Longitude: 123° 49' 50"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/28/1986	-52.6	-7.81
7/30/1985	-53.5	-7.98
4/9/1985	-56.3	-8.53
1/9/1985	-55.2	-8.53
10/25/1984	-53.7	-8.27

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oregon**

Station Name: **Siuslaw River Near Mapleton**

Station Number **14307620**

Hydrologic Unit Code: 17100206

Drainage Area
(square miles): 588

Latitude: 44° 03' 45"

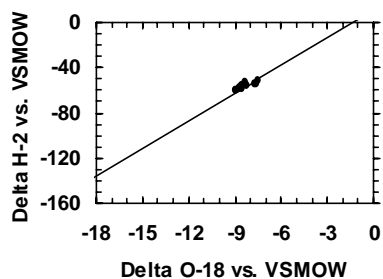
Datum (ft): 41

Longitude: 123° 52' 55"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/1/1987	-51.2	-7.46
5/28/1987	-55.6	-8.25
2/26/1987	-55.9	-8.67
12/25/1986	-52.7	-8.30
8/29/1986	-53.3	-7.57
2/19/1986	-59.1	-8.96
7/31/1985	-53.2	-7.71
4/10/1985	-57.5	-8.74
1/8/1985	-57.7	-8.56
11/15/1984	-55.9	-8.50

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oregon**

Station Name: **South Umpqua River Near Roseburg**

Station Number **14312260**

Hydrologic Unit Code: 17100302

Drainage Area
(square miles): 1798

Latitude: 43° 13' 23"

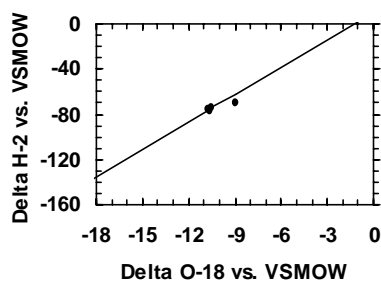
Datum (ft):

Longitude: 123° 24' 48"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/26/1987	-69.1	-8.92
5/13/1987	-75.9	-10.62
2/19/1987	-74.0	-10.46
10/9/1986	-75.3	-10.72

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oregon**

Station Name: **Umpqua River Near Elkton**

Station Number **14321000**

Hydrologic Unit Code: 17100303

Drainage Area
(square miles): 3683

Latitude: 43° 35' 10"

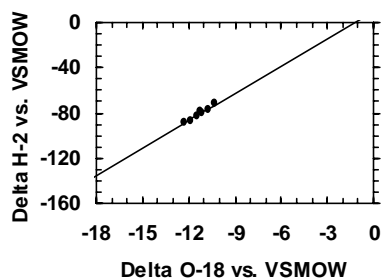
Datum (ft): 90.42

Longitude: 123° 33' 15"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/31/1986	-86.7	-11.86
2/21/1986	-76.0	-10.69
10/30/1985	-79.3	-11.14
9/11/1985	-88.3	-12.31
5/15/1985	-81.7	-11.44
3/19/1985	-77.6	-11.20
11/15/1984	-70.7	-10.34

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Oregon**

Station Name: **Rogue River Near Agness**

Station Number **14372300**

Hydrologic Unit Code: 17100310

Drainage Area
(square miles): 3939

Latitude: 42° 34' 50"

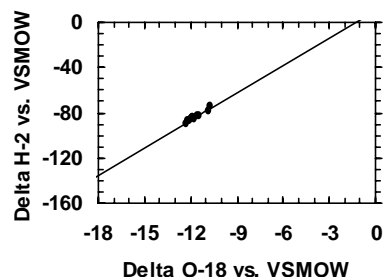
Datum (ft): 113.81

Longitude: 124° 03' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/25/1987	-88.5	-12.27
4/29/1987	-84.2	-11.91
2/18/1987	-77.4	-10.78
10/8/1986	-85.3	-11.99
7/29/1986	-86.9	-12.18
2/20/1986	-81.6	-11.40
10/29/1985	-84.4	-11.79
9/12/1985	-87.0	-12.05
5/14/1985	-83.5	-11.87
3/20/1985	-82.2	-11.58
11/14/1984	-74.1	-10.75

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Pennsylvania**

Station Name: **Schuylkill River At Philadelphia**

Station Number **01474500**

Hydrologic Unit Code: 02040203

Drainage Area
(square miles): 1893

Latitude: 39° 58' 04"

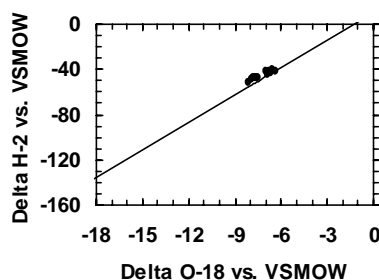
Datum (ft): 5.74

Longitude: 75° 11' 20"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/23/1987	-40.4	-6.77
6/16/1987	-43.9	-6.85
3/18/1987	-51.2	-8.15
12/10/1986	-47.0	-7.52
9/30/1986	-39.8	-6.58
6/25/1986	-42.7	-6.64
3/20/1986	-48.8	-7.93
12/18/1985	-46.7	-7.56
9/26/1985	-40.4	-6.38
6/11/1985	-41.0	-6.97
3/11/1985	-46.1	-7.70
12/10/1984	-46.6	-7.76

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Pennsylvania**

Station Name: **Susquehanna River At Danville**

Station Number **01540500**

Hydrologic Unit Code: 02050107

Drainage Area
(square miles): 11220

Latitude: 40° 57' 29"

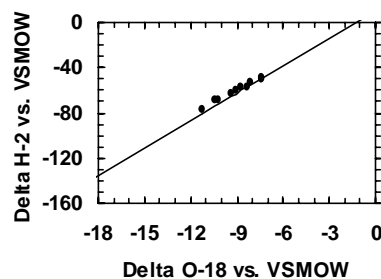
Datum (ft): 431.29

Longitude: 76° 37' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/3/1987	-49.5	-7.43
5/28/1987	-62.6	-9.39
4/8/1987	-76.6	-11.21
9/4/1986	-56.5	-8.30
3/5/1986	-68.5	-10.18
11/5/1985	-52.6	-8.07
9/5/1985	-47.8	-7.43
5/15/1985	-59.9	-9.10
3/6/1985	-67.8	-10.40
11/14/1984	-57.1	-8.70

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Pennsylvania**

Station Name: **Young Womans Creek Near Renovo**

Station Number **01545600**

Hydrologic Unit Code: 02050203

Drainage Area
(square miles): 46.2

Latitude: 41° 23' 22"

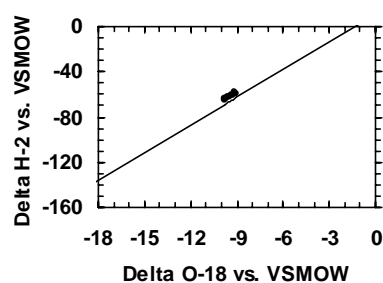
Datum (ft): 780

Longitude: 77° 41' 28"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/29/1987	-60.6	-9.36
4/21/1987	-63.2	-9.68
1/27/1987	-62.7	-9.52
10/28/1986	-60.4	-9.31
4/22/1986	-63.5	-9.82
1/30/1986	-62.1	-9.45
10/31/1985	-58.7	-9.18
7/22/1985	-59.9	-9.06
4/16/1985	-64.5	-9.80

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Pennsylvania**

Station Name: **West Branch Susquehanna River At Lewisburg**

Station Number **01553500**

Hydrologic Unit Code: 02050206

Drainage Area
(square miles): 6847

Latitude: 40° 58' 03"

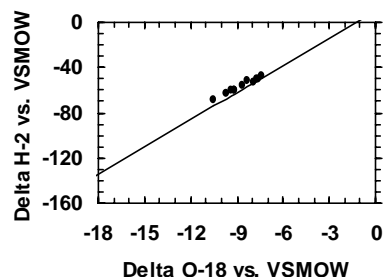
Datum (ft): 428.2

Longitude: 76° 52' 36"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/18/1987	-46.9	-7.42
5/28/1987	-59.5	-9.17
4/8/1987	-68.6	-10.46
11/18/1986	-55.6	-8.68
9/4/1986	-53.1	-7.91
3/5/1986	-60.2	-9.40
11/5/1985	-49.4	-7.75
9/1/1985	-49.3	-7.61
5/15/1985	-59.2	-9.15
3/6/1985	-62.1	-9.67
11/14/1984	-51.3	-8.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Pennsylvania**

Station Name: **Juniata River At Newport**

Station Number **01567000**

Hydrologic Unit Code: 02050304

Drainage Area
(square miles): 3354

Latitude: 40° 28' 42"

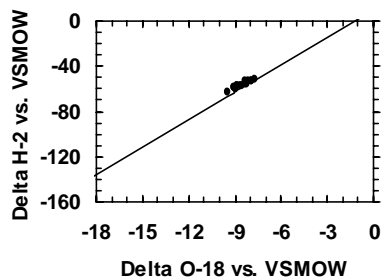
Datum (ft): 363.93

Longitude: 77° 07' 46"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/8/1986	-52.9	-8.07
1/2/1985	-57.0	-8.55
1/7/1985	-56.7	-8.89
3/7/1985	-58.0	-9.10
5/16/1985	-58.0	-9.02
9/4/1985	-51.9	-7.91
11/15/1984	-52.9	-8.33
3/3/1986	-57.3	-8.80
7/1/1987	-54.7	-8.20
9/2/1986	-51.2	-7.69
11/1/1986	-53.9	-8.24
1/1/1987	-54.7	-8.29
3/2/1987	-62.7	-9.44
4/30/1987	-58.8	-8.94
6/1/1987	-56.1	-8.65
11/4/1985	-52.0	-7.91

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Pennsylvania**

Station Name: **Susquehanna River At Harrisburg**

Station Number **01570500**

Hydrologic Unit Code: 02050305

Drainage Area
(square miles): 24100

Latitude: 40° 15' 17"

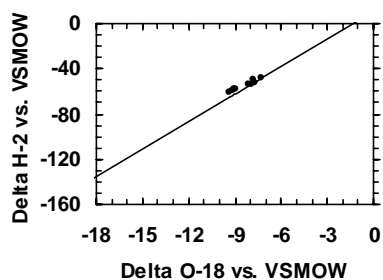
Datum (ft): 290.01

Longitude: 76° 53' 11"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/3/1986	-53.0	-7.69
7/9/1986	-54.2	-7.94
3/4/1986	-61.4	-9.34
2/5/1986	-59.0	-9.19
11/6/1985	-49.8	-7.79
9/6/1985	-47.8	-7.24
7/3/1985	-54.1	-8.15
5/14/1985	-58.7	-8.93
1/7/1985	-58.1	-9.04

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Pennsylvania**

Station Name: **Allegheny River At New Kensington**

Station Number **03049625**

Hydrologic Unit Code: 05010009

Drainage Area
(square miles): 11500

Latitude: 40° 33' 52"

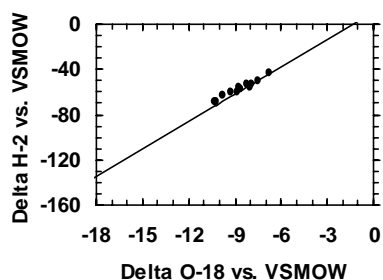
Datum (ft):

Longitude: 79° 46' 22"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/3/1987	-42.3	-6.75
6/17/1987	-59.2	-8.87
3/4/1987	-68.5	-10.22
12/18/1986	-59.5	-9.22
9/17/1986	-55.7	-8.03
8/15/1986	-52.3	-7.88
3/19/1986	-67.7	-10.27
12/11/1985	-56.2	-8.64
9/26/1985	-49.3	-7.51
6/13/1985	-52.7	-8.20
3/14/1985	-62.5	-9.75
11/28/1984	-55.5	-8.70

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Pennsylvania**

Station Name: **Monongahela River At Braddock**

Station Number **03085000**

Hydrologic Unit Code: 05020005

Drainage Area
(square miles): 7337

Latitude: 40° 23' 28"

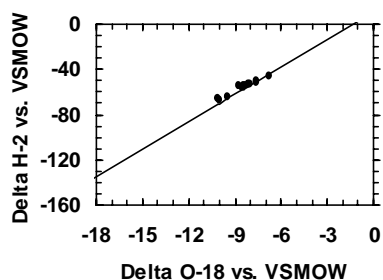
Datum (ft): 707.16

Longitude: 79° 51' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/1/1987	-44.8	-6.78
6/18/1987	-52.6	-8.09
3/5/1987	-63.7	-9.42
12/16/1986	-54.3	-8.31
9/18/1986	-50.1	-7.57
8/20/1986	-52.5	-8.00
3/18/1986	-66.0	-9.97
12/12/1985	-54.1	-8.39
9/24/1985	-50.7	-7.63
6/12/1985	-53.6	-8.72
3/12/1985	-64.5	-10.05
11/27/1984	-55.5	-8.55

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Pennsylvania**

Station Name: **Beaver River At Beaver Falls**

Station Number **03107500**

Hydrologic Unit Code: 05030104

Drainage Area
(square miles): 3106

Latitude: 40° 45' 48"

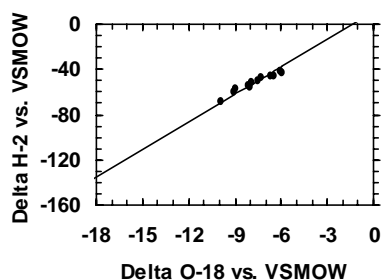
Datum (ft): 727.48

Longitude: 80° 18' 55"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/2/1987	-41.4	-6.02
6/16/1987	-54.5	-7.99
3/3/1987	-67.4	-9.89
12/17/1986	-53.3	-8.07
9/16/1986	-45.7	-6.42
8/22/1986	-45.8	-6.66
3/20/1986	-59.7	-9.01
12/10/1985	-48.9	-7.45
9/25/1985	-42.8	-5.88
6/11/1985	-51.6	-7.90
3/13/1985	-57.0	-8.90
11/29/1984	-46.5	-7.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Puerto Rico**

Station Name: **Rio Grande De Patillas Near Patillas**

Station Number **50092000**

Hydrologic Unit Code: 21010004

Drainage Area
(square miles): 18.3

Latitude: 18° 02' 04"

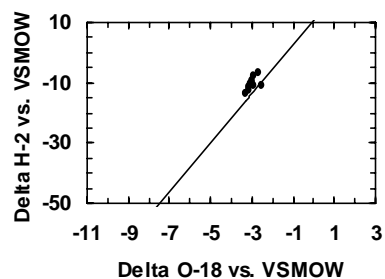
Datum (ft):

Longitude: 66° 01' 58"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/10/1987	-11.0	-3.13
4/21/1987	-7.8	-2.93
1/9/1987	-10.5	-2.54
10/30/1986	-13.2	-3.32
7/1/1986	-9.5	-2.99
4/7/1986	-6.6	-2.66
1/13/1986	-10.3	-3.06
10/21/1985	-12.1	-3.17
7/2/1985	-10.6	-2.89
4/4/1985	-9.0	-2.96

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Puerto Rico**

Station Name: **Rio Grande De Anasco Near San Sebastian**

Station Number **50144000**

Hydrologic Unit Code: 21010003

Drainage Area
(square miles): 94.3

Latitude: 18° 17' 05"

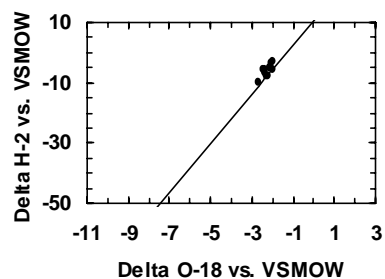
Datum (ft):

Longitude: 67° 03' 05"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/9/1987	-2.7	-1.99
4/8/1987	-3.2	-2.03
1/15/1987	-5.4	-2.44
11/4/1986	-5.4	-2.34
7/2/1986	-7.6	-2.24
4/11/1986	-4.9	-2.14
1/9/1986	-6.2	-2.35
10/2/1985	-9.4	-2.69
7/3/1985	-7.5	-2.28
4/3/1985	-5.3	-2.00

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Rhode Island**

Station Name: **Pawcatuck River At Westerly**

Station Number **01118500**

Hydrologic Unit Code: 01090005

Drainage Area
(square miles): 295

Latitude: 41° 23' 01"

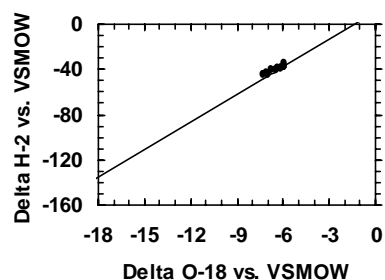
Datum (ft): -1.76

Longitude: 71° 50' 01"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/14/1987	-38.8	-6.12
5/14/1987	-43.9	-6.99
1/15/1987	-44.3	-7.33
11/18/1986	-36.8	-5.89
7/15/1986	-36.8	-5.88
5/15/1986	-36.6	-5.94
11/13/1985	-34.6	-5.89
7/11/1985	-38.4	-6.14
5/16/1985	-39.5	-6.50
1/22/1985	-42.7	-7.09
1/14/1985	-39.2	-6.76
11/14/1984	-38.1	-6.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Carolina**

Station Name: **Pee Dee River At Peedee**

Station Number **02131000**

Hydrologic Unit Code: 03040201

Drainage Area
(square miles): 8830

Latitude: 34° 12' 15"

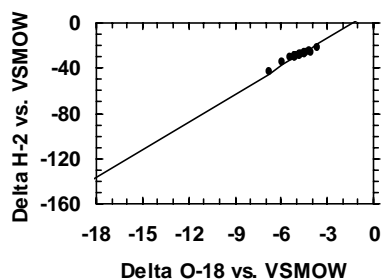
Datum (ft): 24.73

Longitude: 79° 32' 55"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/14/1986	-27.3	-4.50
1/29/1985	-29.0	-5.15
3/26/1985	-28.5	-5.05
5/15/1985	-28.8	-5.03
7/10/1985	-26.7	-4.77
9/18/1985	-24.4	-4.20
11/8/1985	-27.7	-4.83
11/13/1984	-27.0	-4.70
3/12/1986	-29.1	-5.37
9/1/1987	-24.8	-4.35
7/31/1986	-26.1	-4.05
9/9/1986	-25.6	-4.45
11/4/1986	-21.7	-3.66
3/18/1987	-42.1	-6.82
5/27/1987	-34.3	-5.92
7/21/1987	-29.9	-5.15
1/15/1986	-29.1	-5.13

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Carolina**

Station Name: **Lynches River At Effingham**

Station Number **02132000**

Hydrologic Unit Code: 03040202

Drainage Area
(square miles): 1030

Latitude: 34° 03' 05"

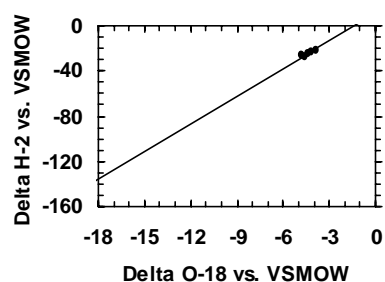
Datum (ft): 58.49

Longitude: 79° 45' 15"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
1/15/1986	-27.1	-4.58
11/12/1985	-26.0	-4.82
9/18/1985	-24.7	-4.35
4/1/1985	-23.0	-4.15
2/1/1985	-21.5	-3.80

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Carolina**

Station Name: **Scape Ore Swamp Near Bishopville**

Station Number **02135300**

Hydrologic Unit Code: 03040205

Drainage Area
(square miles): 96

Latitude: 34° 09' 02"

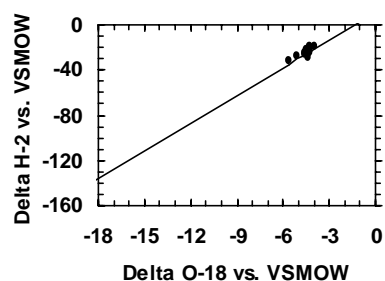
Datum (ft): 164.53

Longitude: 80° 18' 18"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/14/1986	-23.2	-4.25
1/29/1985	-23.5	-4.60
3/26/1985	-22.0	-4.25
5/15/1985	-21.9	-4.35
7/9/1985	-22.2	-4.39
9/17/1985	-24.2	-4.30
11/7/1985	-25.2	-4.63
11/13/1984	-19.0	-4.25
3/12/1986	-24.7	-4.46
9/1/1987	-17.9	-3.93
7/31/1986	-21.5	-4.46
9/8/1986	-21.6	-4.22
11/4/1986	-23.7	-4.34
1/26/1987	-30.7	-5.66
3/17/1987	-27.0	-5.07
5/26/1987	-23.5	-4.41
7/21/1987	-28.6	-4.40
1/14/1986	-24.1	-4.44

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Carolina**

Station Name: **Black River At Kingstree**

Station Number **02136000**

Hydrologic Unit Code: 03040205

Drainage Area
(square miles): 1252

Latitude: 33° 39' 40"

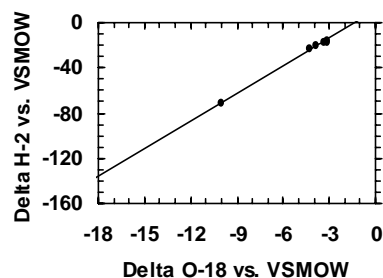
Datum (ft): 25.66

Longitude: 79° 50' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
1/15/1986	-19.3	-3.85
11/12/1985	-22.7	-4.30
9/18/1985	-16.6	-3.37
6/27/1985	-70.8	-10.04
3/27/1985	-15.0	-3.10
11/14/1984	-16.5	-3.15

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Carolina**

Station Name: **Lakes M-M Div Canal Near Pineville**

Station Number **02170500**

Hydrologic Unit Code: 03050201

Drainage Area
(square miles): 0

Latitude: 33° 23' 15"

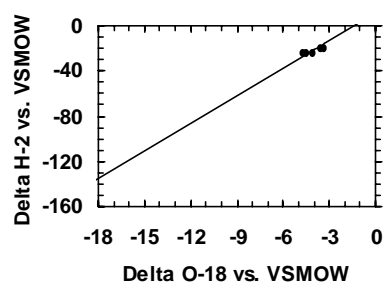
Datum (ft):

Longitude: 80° 08' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
1/16/1986	-24.1	-4.02
11/13/1985	-19.7	-3.32
9/19/1985	-20.4	-3.54
3/27/1985	-24.0	-4.45
2/1/1985	-24.5	-4.70

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Carolina**

Station Name: **Edisto River Near Givhans**

Station Number **02175000**

Hydrologic Unit Code: 03050205

Drainage Area
(square miles): 2730

Latitude: 33° 01' 40"

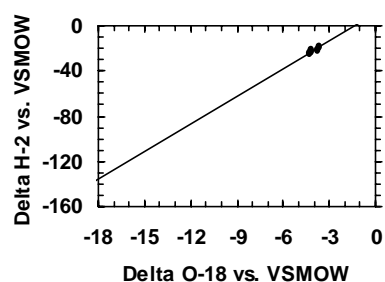
Datum (ft): 20.46

Longitude: 80° 23' 30"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
1/17/1986	-23.7	-4.25
11/13/1985	-20.8	-4.16
9/19/1985	-20.6	-3.74
3/27/1985	-18.5	-3.60
2/1/1985	-23.0	-4.15

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Carolina**

Station Name: **Coosawhatchie River Near Hampton**

Station Number **02176500**

Hydrologic Unit Code: 03050208

Drainage Area
(square miles): 203

Latitude: 32° 50' 10"

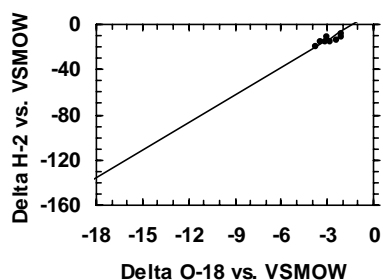
Datum (ft): 50.3

Longitude: 81° 07' 55"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/6/1986	-8.0	-2.04
5/21/1986	-14.2	-2.40
2/5/1986	-19.5	-3.74
11/14/1985	-12.0	-2.98
8/29/1985	-16.1	-3.44
5/17/1985	-11.1	-2.03
2/26/1985	-15.0	-3.15
11/16/1984	-15.5	-2.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Carolina**

Station Name: **Upper Three Runs Near New Ellenton**

Station Number **02197300**

Hydrologic Unit Code: 03060106

Drainage Area
(square miles): 87

Latitude: 33° 22' 14"

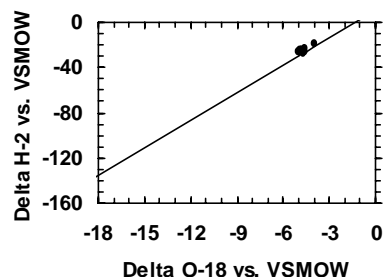
Datum (ft): 120

Longitude: 81° 37' 43"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/28/1987	-24.7	-4.74
6/2/1987	-25.0	-4.79
2/27/1987	-26.0	-4.99
11/7/1986	-25.4	-4.75
8/7/1986	-19.0	-3.94
5/21/1986	-26.7	-4.70
2/6/1986	-25.1	-4.62
11/15/1985	-24.6	-4.84
5/17/1985	-23.6	-4.78
2/27/1985	-23.0	-4.60
11/16/1984	-25.5	-4.75

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Carolina**

Station Name: **Savannah River Near Clyo**

Station Number **02198500**

Hydrologic Unit Code: 03060109

Drainage Area
(square miles): 9850

Latitude: 32° 31' 30"

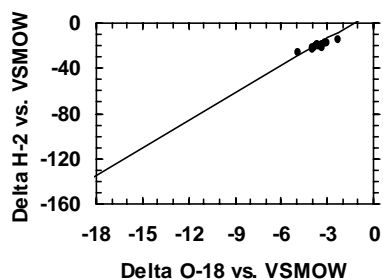
Datum (ft): 13.41

Longitude: 81° 15' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/28/1987	-21.4	-3.94
6/2/1987	-22.4	-3.94
2/26/1987	-20.6	-3.83
11/6/1986	-16.7	-2.97
8/6/1986	-16.5	-3.07
5/21/1986	-17.3	-3.07
2/6/1986	-21.5	-3.30
11/15/1985	-18.8	-3.36
8/29/1985	-20.1	-3.78
8/29/1985	-25.8	-4.88
5/17/1985	-14.7	-2.29
2/27/1985	-18.5	-3.60
11/15/1984	-20.0	-3.55

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Dakota**

Station Name: **Grand River At Little Eagle**

Station Number **06357800**

Hydrologic Unit Code: 10130303

Drainage Area
(square miles): 5370

Latitude: 45° 39' 28"

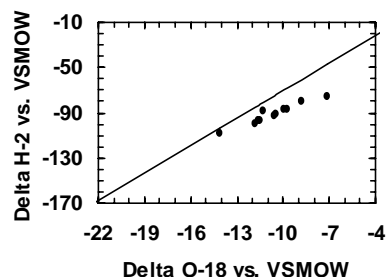
Datum (ft): 1628.63

Longitude: 100° 49' 04"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/1/1987	-79.0	-8.82
4/7/1987	-107.6	-14.11
1/14/1987	-96.4	-11.56
10/22/1986	-91.9	-10.60
8/4/1986	-86.2	-9.75
5/13/1986	-87.7	-11.29
2/20/1986	-99.1	-11.77
11/20/1985	-96.9	-11.45
8/21/1985	-74.7	-7.15
5/2/1985	-91.1	-10.42
11/8/1984	-86.6	-9.90

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Dakota**

Station Name: **Moreau River Near Whitehorse**

Station Number **06360500**

Hydrologic Unit Code: 10130306

Drainage Area
(square miles): 4880

Latitude: 45° 15' 21"

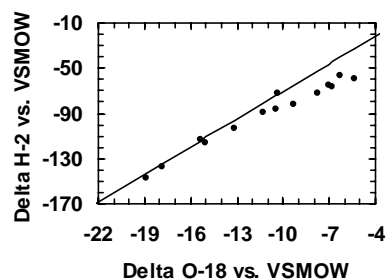
Datum (ft): 1661.48

Longitude: 100° 50' 33"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/15/1987	-67.0	-6.76
7/1/1987	-56.3	-6.28
5/6/1987	-89.5	-11.27
4/7/1987	-113.8	-15.38
1/13/1987	-116.2	-14.98
11/18/1986	-103.2	-13.18
9/25/1986	-65.3	-7.02
7/1/1986	-72.2	-7.79
5/13/1986	-72.1	-10.38
4/7/1986	-137.4	-17.83
1/22/1986	-82.7	-9.35
11/19/1985	-59.2	-5.39
5/1/1985	-86.5	-10.44
3/12/1985	-147.1	-18.92

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Dakota**

Station Name: **Castle Creek Above Deerfield Reservoir Near Hill City**

Station Number **06409000**

Hydrologic Unit Code: 10120110

Drainage Area
(square miles): 83

Latitude: 44° 00' 49"

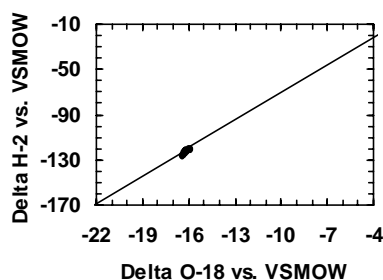
Datum (ft): 5910

Longitude: 103° 49' 48"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/15/1987	-122.0	-16.12
4/22/1987	-124.3	-16.25
1/29/1987	-123.1	-16.28
10/24/1986	-122.0	-16.18
9/29/1986	-122.3	-16.03
6/25/1986	-119.8	-15.86
3/25/1986	-126.7	-16.41
12/17/1985	-123.6	-16.22
7/24/1985	-120.7	-16.00
4/16/1985	-125.2	-16.30
1/23/1985	-122.2	-16.20
10/29/1984	-122.2	-16.13

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Dakota**

Station Name: **Belle Fourche River Near Elm Springs**

Station Number **06438000**

Hydrologic Unit Code: 10120202

Drainage Area
(square miles): 7210

Latitude: 44° 22' 11"

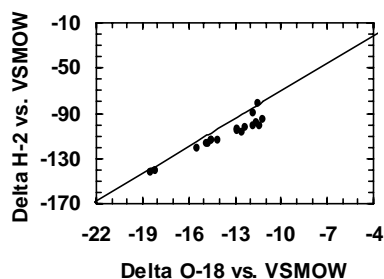
Datum (ft): 2171.6

Longitude: 102° 33' 56"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/15/1986	-89.1	-11.79
12/12/1984	-112.7	-14.53
2/20/1985	-115.6	-14.72
4/18/1985	-106.7	-12.57
6/18/1985	-99.9	-11.43
8/21/1985	-95.2	-11.17
11/25/1985	-112.9	-14.10
10/30/1984	-105.2	-12.80
3/26/1986	-141.9	-18.45
8/31/1987	-97.2	-11.59
7/15/1986	-102.6	-12.37
9/26/1986	-80.7	-11.45
10/28/1986	-103.8	-12.87
12/19/1986	-114.1	-14.56
3/12/1987	-140.1	-18.20
4/23/1987	-120.4	-15.45
6/29/1987	-100.2	-11.77
1/27/1986	-116.8	-14.82

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Dakota**

Station Name: **Cheyenne River At Cherry Creek**

Station Number **06439300**

Hydrologic Unit Code: 10120112

Drainage Area
(square miles): 23900

Latitude: 44° 35' 59"

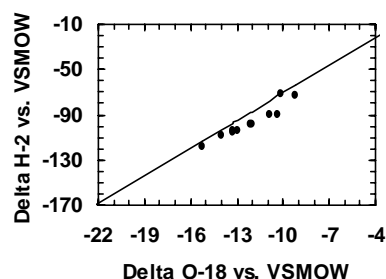
Datum (ft): 1699.29

Longitude: 101° 29' 51"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/31/1987	-89.9	-10.30
5/14/1987	-97.9	-12.06
2/19/1987	-103.5	-12.97
12/2/1986	-105.6	-13.24
5/14/1986	-70.9	-10.11
2/24/1986	-117.0	-15.19
12/4/1985	-103.3	-13.28
8/22/1985	-73.0	-9.25
5/3/1985	-89.7	-10.84
2/8/1985	-107.9	-14.00
11/14/1984	-97.4	-12.14

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Dakota**

Station Name: **Missouri River At Pierre**

Station Number **06440000**

Hydrologic Unit Code: 10140102

Drainage Area
(square miles): 243500

Latitude: 44° 22' 23"

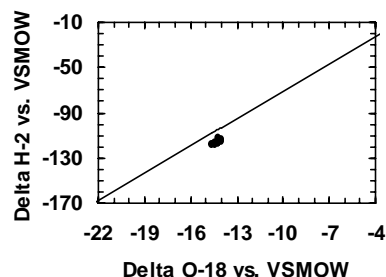
Datum (ft): 1414.26

Longitude: 100° 22' 03"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/8/1987	-116.0	-14.21
3/18/1987	-115.5	-14.03
6/30/1986	-117.4	-14.57
5/6/1986	-115.8	-14.23
12/20/1985	-116.0	-14.28
11/6/1985	-116.8	-14.24
8/19/1985	-117.4	-14.45
6/28/1985	-116.7	-14.39
3/8/1985	-113.1	-14.02
1/15/1985	-113.5	-14.06
12/6/1984	-112.6	-14.17

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Dakota**

Station Name: **White River Near Oacoma**

Station Number **06452000**

Hydrologic Unit Code: 10140204

Drainage Area
(square miles): 10200

Latitude: 43° 44' 54"

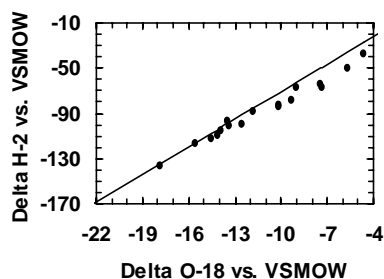
Datum (ft): 1377.29

Longitude: 99° 33' 22"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/23/1986	-67.1	-8.98
12/28/1984	-104.7	-13.88
2/21/1985	-111.7	-14.50
4/22/1985	-77.5	-9.30
8/12/1985	-37.2	-4.63
10/31/1985	-83.3	-10.19
1/14/1986	-116.7	-15.57
11/1/1984	-81.9	-10.14
4/24/1986	-87.9	-11.80
8/13/1987	-49.7	-5.71
8/15/1986	-63.2	-7.45
10/9/1986	-96.0	-13.44
12/5/1986	-109.5	-14.14
3/3/1987	-100.9	-13.33
4/23/1987	-98.5	-12.56
6/18/1987	-66.5	-7.37
2/18/1986	-135.4	-17.88

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Dakota**

Station Name: **Missouri River At Fort Randall**

Station Number **06453000**

Hydrologic Unit Code: 10170101

Drainage Area
(square miles): 263500

Latitude: 43° 03' 54"

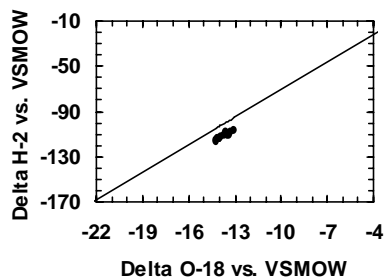
Datum (ft):

Longitude: 98° 33' 11"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/19/1986	-116.2	-14.21
1/9/1985	-112.9	-13.96
3/21/1985	-113.2	-14.13
5/1/1985	-113.3	-13.94
7/24/1985	-110.0	-13.41
9/25/1985	-109.6	-13.32
11/14/1984	-110.3	-13.67
1/8/1986	-113.8	-13.94
8/5/1987	-106.3	-13.08
5/6/1986	-115.0	-14.19
7/9/1986	-108.0	-13.61
9/10/1986	-107.4	-13.28
1/8/1987	-113.1	-14.04
3/12/1987	-113.1	-14.06
5/12/1987	-111.5	-13.86
11/20/1985	-110.0	-13.48

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Dakota**

Station Name: **James River At Columbia**

Station Number **06471000**

Hydrologic Unit Code: 10160003

Drainage Area
(square miles): 7050

Latitude: 45° 36' 13"

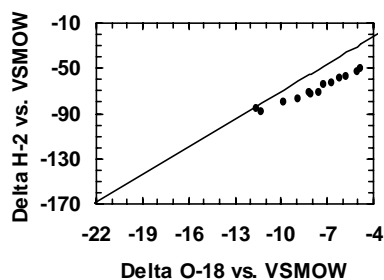
Datum (ft): 1275.01

Longitude: 98° 18' 36"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/27/1987	-56.0	-5.76
6/24/1987	-71.4	-8.14
4/23/1987	-85.2	-11.63
3/5/1987	-79.4	-9.82
12/10/1986	-63.9	-7.23
10/23/1986	-52.0	-5.09
9/18/1986	-49.3	-4.78
7/30/1986	-58.5	-6.24
5/22/1986	-87.2	-11.25
1/9/1986	-62.0	-6.72
5/23/1985	-71.1	-7.55
3/28/1985	-76.2	-8.85
1/4/1985	-73.0	-8.11

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **South Dakota**

Station Name: **James River Near Scotland**

Station Number **06478500**

Hydrologic Unit Code: 10160011

Drainage Area
(square miles): 21550

Latitude: 43° 11' 09"

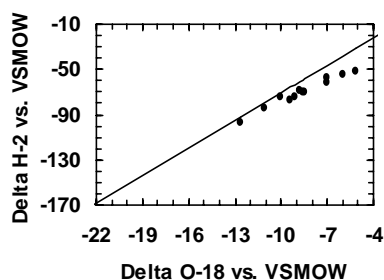
Datum (ft): 1168.51

Longitude: 97° 38' 07"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/6/1987	-51.6	-5.13
5/13/1987	-74.2	-9.13
2/11/1987	-76.0	-9.38
11/5/1986	-57.0	-7.05
8/13/1986	-61.6	-7.07
5/9/1986	-74.1	-10.02
2/18/1986	-83.0	-11.06
11/19/1985	-68.8	-8.57
8/13/1985	-54.3	-6.01
5/21/1985	-68.3	-8.82
2/19/1985	-96.8	-12.64
11/13/1984	-68.9	-8.48

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Tennessee**

Station Name: **French Broad River Near Knoxville**

Station Number **03470500**

Hydrologic Unit Code: 06010107

Drainage Area
(square miles): 5101

Latitude: 35° 57' 30"

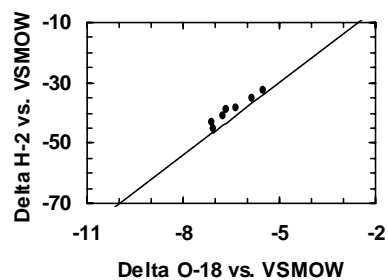
Datum (ft): 0

Longitude: 83° 46' 26"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/15/1986	-43.1	-7.08
1/21/1986	-38.9	-6.64
10/16/1985	-32.4	-5.49
7/16/1985	-38.0	-6.36
4/17/1985	-45.0	-7.05
1/31/1985	-41.0	-6.75
10/18/1984	-35.0	-5.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Tennessee**

Station Name: **Clinch River At Melton Hill Dam (tailwater)**

Station Number **03535912**

Hydrologic Unit Code: 06010207

Drainage Area
(square miles): 3343

Latitude: 35° 53' 07"

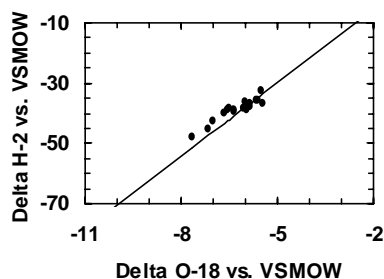
Datum (ft): 0

Longitude: 84° 18' 03"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/9/1986	-36.5	-5.86
12/7/1984	-35.5	-5.65
2/27/1985	-38.0	-6.05
4/16/1985	-36.0	-5.99
6/5/1985	-37.0	-5.92
8/8/1985	-38.7	-6.33
10/22/1985	-39.1	-6.37
10/17/1984	-45.0	-7.15
2/20/1986	-35.5	-5.61
8/12/1987	-47.9	-7.67
6/11/1986	-38.5	-5.97
8/13/1986	-38.4	-6.51
10/30/1986	-39.9	-6.64
12/16/1986	-36.7	-5.46
2/24/1987	-37.6	-5.86
4/29/1987	-38.6	-6.54
6/24/1987	-42.3	-6.98
12/11/1985	-32.2	-5.49

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Tennessee**

Station Name: **Tennessee River At Watts Bar Dam (tailwater)**

Station Number **03543005**

Hydrologic Unit Code: 06010201

Drainage Area
(square miles): 17310

Latitude: 35° 37' 13"

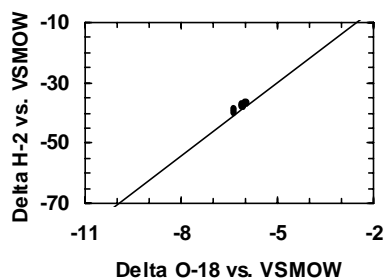
Datum (ft): 0

Longitude: 84° 47' 00"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/23/1986	-36.5	-5.98
1/22/1986	-37.6	-6.06
10/24/1985	-36.5	-5.94
7/18/1985	-37.4	-6.12
4/18/1985	-39.7	-6.34
1/24/1985	-37.0	-6.10
10/24/1984	-38.5	-6.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Tennessee**

Station Name: **Buffalo River Near Flat Woods**

Station Number **03604000**

Hydrologic Unit Code: 06040004

Drainage Area
(square miles): 447

Latitude: 35° 29' 45"

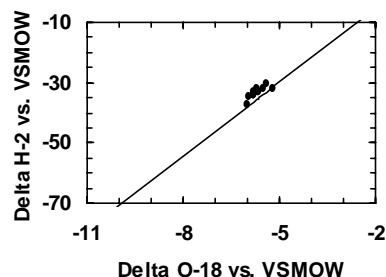
Datum (ft): 513.58

Longitude: 87° 49' 58"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/22/1987	-31.9	-5.19
4/16/1987	-33.6	-5.82
1/22/1987	-37.2	-6.02
10/16/1986	-30.4	-5.41
5/19/1986	-32.9	-5.63
1/14/1986	-31.7	-5.69
10/17/1985	-33.1	-5.66
7/15/1985	-31.8	-5.51
4/17/1985	-34.2	-5.96
1/29/1985	-33.0	-5.80
10/24/1984	-34.0	-5.80

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Tennessee**

Station Name: **Obion River At Obion**

Station Number **07026000**

Hydrologic Unit Code: 08010202

Drainage Area
(square miles): 1852

Latitude: 36° 15' 04"

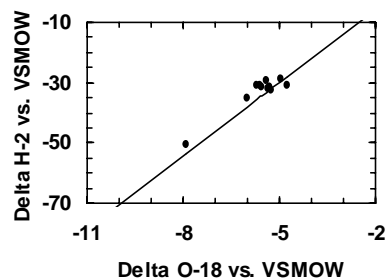
Datum (ft): 246.48

Longitude: 89° 11' 33"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/4/1987	-31.4	-5.31
4/28/1987	-32.1	-5.24
1/27/1987	-35.0	-6.00
10/22/1986	-32.0	-5.34
7/25/1986	-30.5	-4.76
4/23/1986	-28.4	-4.96
1/17/1986	-30.7	-5.59
10/7/1985	-28.9	-5.41
4/17/1985	-31.5	-5.55
1/16/1985	-30.8	-5.68
10/24/1984	-50.5	-7.90

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **Canadian River Near Canadian**

Station Number **07228000**

Hydrologic Unit Code: 11090106

Drainage Area
(square miles): 22866

Latitude: 35° 56' 06"

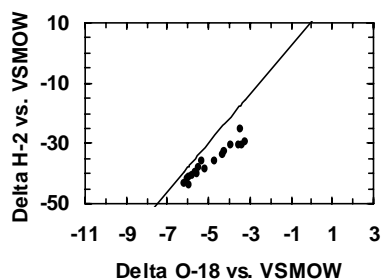
Datum (ft): 2301.5

Longitude: 100° 22' 13"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/5/1986	-30.6	-3.34
1/21/1985	-41.2	-5.97
3/11/1985	-35.7	-5.30
5/20/1985	-30.1	-3.94
7/22/1985	-30.3	-3.50
8/20/1985	-38.4	-5.16
11/11/1985	-37.6	-5.44
11/10/1984	-43.0	-6.19
3/17/1986	-39.6	-5.65
8/25/1987	-24.9	-3.47
7/22/1986	-29.2	-3.25
8/25/1986	-33.6	-4.28
11/11/1986	-41.3	-6.01
1/7/1987	-40.4	-5.78
3/4/1987	-43.8	-5.94
5/13/1987	-35.6	-4.69
7/8/1987	-32.6	-4.21
1/14/1986	-40.0	-5.52

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **Pdft Red River Near Wayside**

Station Number **07297910**

Hydrologic Unit Code: 11120103

Drainage Area
(square miles): 4211

Latitude: 34° 50' 15"

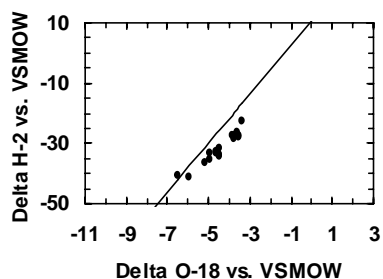
Datum (ft): 2463.74

Longitude: 101° 24' 49"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/8/1986	-27.2	-3.51
1/24/1985	-33.0	-4.92
3/14/1985	-32.5	-4.60
5/23/1985	-26.4	-3.64
7/25/1985	-62.9	-8.92
8/23/1985	-40.3	-6.48
11/15/1985	-31.6	-4.49
11/20/1984	-41.0	-5.92
3/20/1986	-33.8	-4.50
8/24/1987	-27.1	-3.86
7/21/1986	-22.6	-3.35
8/26/1986	-27.1	-3.78
11/10/1986	-36.2	-5.17
1/8/1987	-35.2	-4.92
3/2/1987	-33.3	-4.48
5/12/1987	-28.0	-3.75
7/7/1987	-27.8	-3.53
1/15/1986	-33.0	-4.59

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **Neches River At Evadale**

Station Number **08041000**

Hydrologic Unit Code: 12020003

Drainage Area
(square miles): 7951

Latitude: 30° 21' 20"

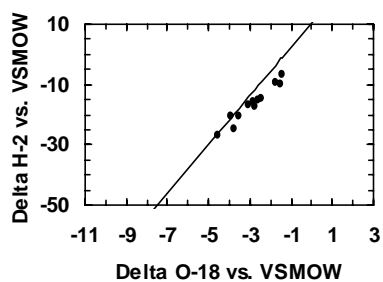
Datum (ft): 8.25

Longitude: 94° 05' 35"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/10/1987	-14.5	-2.44
6/22/1987	-20.3	-3.57
3/17/1987	-16.9	-2.78
12/10/1986	-16.5	-3.05
8/25/1986	-9.7	-1.50
5/13/1986	-15.5	-2.85
2/19/1986	-9.2	-1.77
11/19/1985	-26.9	-4.55
7/22/1985	-6.3	-1.45
3/27/1985	-15.1	-2.61
1/29/1985	-20.5	-3.95
11/15/1984	-24.5	-3.75

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **Trinity River At Trinidad**

Station Number **08062700**

Hydrologic Unit Code: 12030105

Drainage Area
(square miles): 8538

Latitude: 32° 08' 05"

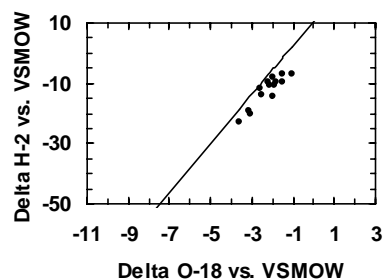
Datum (ft): 239.21

Longitude: 96° 06' 20"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/1/1987	-14.6	-1.95
7/14/1987	-19.4	-3.12
6/9/1987	-20.1	-3.05
4/14/1987	-23.2	-3.65
9/9/1986	-13.6	-2.50
7/22/1986	-9.7	-1.49
6/17/1986	-9.9	-1.84
4/15/1986	-9.9	-2.22
1/29/1986	-6.8	-1.08
11/13/1985	-10.6	-2.16
6/25/1985	-10.5	-1.94
5/14/1985	-6.7	-1.53
1/8/1985	-11.9	-2.61
10/17/1984	-8.2	-1.95

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **West Fork San Jacinto River Near Conroe**

Station Number **08068000**

Hydrologic Unit Code: 12040101

Drainage Area
(square miles): 828

Latitude: 30° 14' 40"

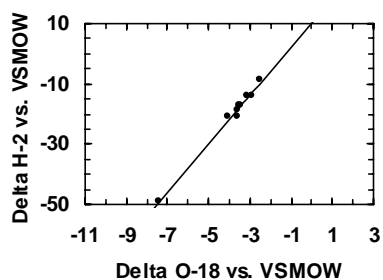
Datum (ft): 95.03

Longitude: 95° 27' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/6/1986	-14.0	-2.89
5/7/1986	-20.8	-3.57
2/12/1986	-14.1	-3.18
11/6/1985	-48.8	-7.44
7/30/1985	-17.1	-3.54
5/22/1985	-17.0	-3.42
3/20/1985	-21.0	-4.10
1/15/1985	-18.5	-3.60
11/27/1984	-8.5	-2.55

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **Salt Fork Brazos River Near Aspermont**

Station Number **08082000**

Hydrologic Unit Code: 12050007

Drainage Area
(square miles): 5130

Latitude: 33° 20' 02"

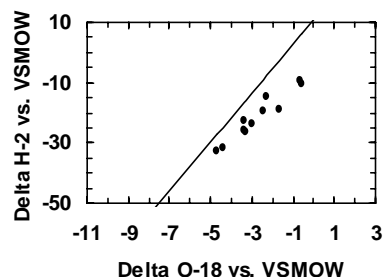
Datum (ft): 1588.7

Longitude: 100° 14' 16"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/19/1987	-8.9	-.65
6/10/1987	-26.1	-3.28
2/25/1987	-31.4	-4.41
8/20/1986	-14.4	-2.26
6/18/1986	-19.2	-2.45
2/5/1986	-25.7	-3.34
10/23/1985	-22.4	-3.39
8/15/1985	-10.2	-.56
6/19/1985	-18.8	-1.66
2/21/1985	-23.2	-2.98
10/24/1984	-32.3	-4.67

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **Brazos River Near South Bend**

Station Number **08088000**

Hydrologic Unit Code: 12060201

Drainage Area
(square miles): 22673

Latitude: 33° 01' 27"

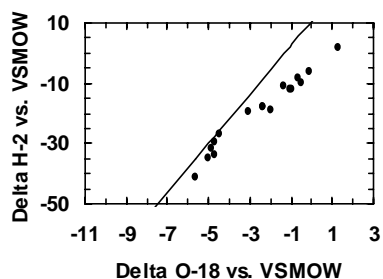
Datum (ft): 1002.98

Longitude: 98° 38' 37"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/23/1986	-9.4	-.48
1/23/1985	-34.7	-4.99
5/22/1985	1.9	1.27
7/24/1985	-11.5	-1.08
8/22/1985	-31.7	-4.89
11/13/1985	-19.1	-3.08
1/16/1986	-17.4	-2.38
11/28/1984	-26.5	-4.48
5/7/1986	-8.1	-.65
8/27/1987	-6.0	-.15
8/26/1986	-10.6	-1.36
11/13/1986	-29.4	-4.73
1/8/1987	-33.4	-4.70
3/6/1987	-41.0	-5.66
5/19/1987	-18.9	-1.97
7/9/1987	-17.9	-2.37
3/19/1986	-11.9	-.95

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **South Fork Rocky Creek Near Briggs**

Station Number **08103900**

Hydrologic Unit Code: 12070203

Drainage Area
(square miles): 33.3

Latitude: 30° 54' 41"

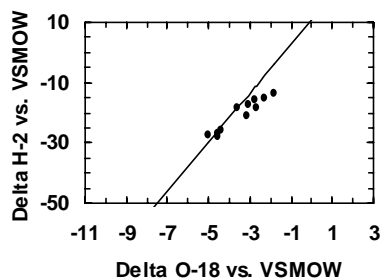
Datum (ft): 955.8

Longitude: 98° 02' 12"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/10/1987	-17.1	-3.08
6/15/1987	-27.9	-4.56
3/2/1987	-26.8	-4.51
11/5/1986	-25.7	-4.37
9/8/1986	-13.5	-1.82
7/8/1986	-15.6	-2.74
3/17/1986	-14.7	-2.27
10/22/1985	-18.0	-3.58
6/24/1985	-20.7	-3.15
3/20/1985	-27.0	-5.00
10/22/1984	-18.0	-2.70

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **San Bernard River Near Boling**

Station Number **08117500**

Hydrologic Unit Code: 12090401

Drainage Area
(square miles): 727

Latitude: 29° 18' 48"

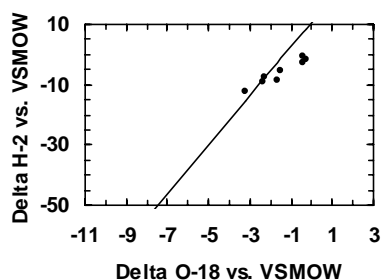
Datum (ft): 30.81

Longitude: 95° 53' 37"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/13/1986	-.7	-.43
4/30/1986	-2.5	-.43
3/11/1986	-12.3	-3.25
12/10/1985	-7.6	-2.27
8/6/1985	-1.6	-.27
5/14/1985	-8.5	-1.69
2/20/1985	-9.0	-2.35
11/15/1984	-5.5	-1.50

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **Colorado River Above Silver**

Station Number **08123850**

Hydrologic Unit Code: 12080008

Drainage Area
(square miles): 14924

Latitude: 32° 03' 07"

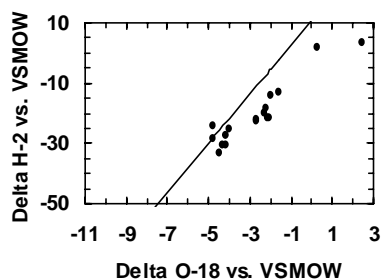
Datum (ft): 1907.66

Longitude: 100° 45' 56"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/29/1986	5.7	3.33
12/11/1984	-25.1	-4.02
2/20/1985	-19.7	-2.31
4/9/1985	-21.1	-2.02
6/18/1985	-22.1	-2.64
8/15/1985	2.1	.31
10/22/1985	-23.8	-4.78
10/23/1984	-27.3	-4.13
2/4/1986	-17.9	-2.23
8/18/1987	-13.8	-1.96
6/17/1986	-28.3	-4.75
8/19/1986	3.6	2.49
10/28/1986	-33.1	-4.47
1/27/1987	-30.4	-4.17
2/24/1987	-30.3	-4.29
4/14/1987	-21.1	-2.16
6/9/1987	-22.0	-2.68
12/3/1985	-12.8	-1.60

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **Nueces River Near Three Rivers**

Station Number **08210000**

Hydrologic Unit Code: 12110111

Drainage Area
(square miles): 15600

Latitude: 28° 25' 38"

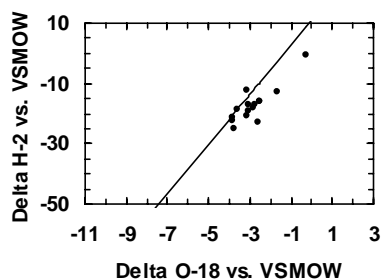
Datum (ft): 101.13

Longitude: 98° 10' 40"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/31/1987	-17.1	-2.73
7/6/1987	-20.7	-3.16
5/11/1987	-16.3	-2.55
3/11/1987	-25.1	-3.77
1/13/1987	-22.3	-3.82
8/25/1986	-.8	-.25
5/15/1986	-16.0	-2.49
3/12/1986	-22.7	-2.59
1/30/1986	-18.1	-2.87
10/22/1985	-18.9	-3.58
7/29/1985	-12.6	-1.66
5/9/1985	-19.3	-3.05
3/6/1985	-17.1	-3.10
1/29/1985	-21.5	-3.86
10/30/1984	-12.4	-3.18

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **Rio Grande At Fort Quitman**

Station Number **08370500**

Hydrologic Unit Code: 13040201

Drainage Area
(square miles): 31944

Latitude: 31° 05' 05"

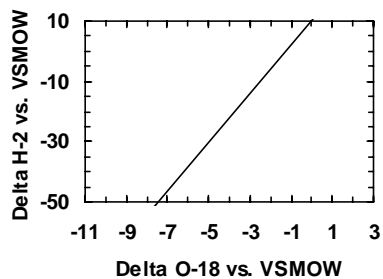
Datum (ft): 3450.57

Longitude: 105° 36' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/3/1986	-72.1	-8.33
1/4/1985	-70.9	-8.49
5/11/1985	-67.3	-7.58
7/12/1985	-67.4	-7.66
9/7/1985	-67.5	-8.08
11/10/1985	-70.3	-8.17
11/9/1984	-69.0	-8.25
3/15/1986	-64.4	-7.86
9/17/1987	-74.7	-8.85
9/11/1986	-73.7	-8.57
11/5/1986	-69.5	-8.92
1/9/1987	-77.4	-9.55
3/17/1987	-76.7	-9.41
5/13/1987	-74.9	-8.99
6/17/1987	-70.5	-8.07
1/11/1986	-70.5	-8.46

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **Limpia Creek Above Ft. Davis**

Station Number **08431700**

Hydrologic Unit Code: 13070005

Drainage Area
(square miles): 52.4

Latitude: 30° 36' 48"

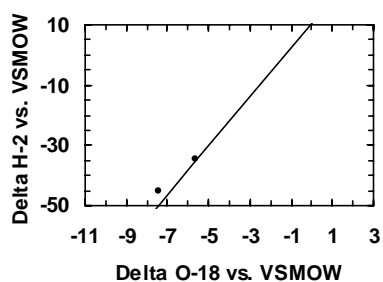
Datum (ft): 5175

Longitude: 104° 00' 04"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/25/1986	-34.8	-5.67
6/4/1986	-45.3	-7.46

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **Pecos River Near Langtry**

Station Number **08447410**

Hydrologic Unit Code: 13040212

Drainage Area
(square miles): 35179

Latitude: 29° 48' 10"

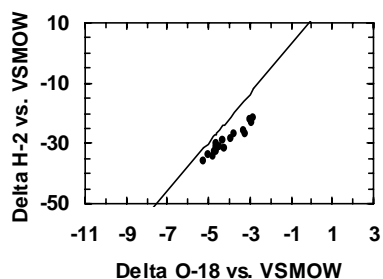
Datum (ft): 1133.08

Longitude: 101° 26' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/2/1986	-26.6	-3.76
12/5/1984	-32.4	-4.64
2/13/1985	-32.1	-4.62
4/3/1985	-28.3	-3.93
6/5/1985	-22.7	-2.91
8/7/1985	-22.1	-3.03
10/9/1985	-29.0	-4.28
10/17/1984	-31.0	-4.65
2/19/1986	-31.0	-4.45
8/25/1987	-25.7	-3.28
6/11/1986	-32.5	-4.69
8/13/1986	-21.1	-2.80
11/19/1986	-33.4	-5.05
1/7/1987	-35.7	-5.22
3/18/1987	-34.2	-4.74
5/13/1987	-31.3	-4.25
7/7/1987	-26.9	-3.24
12/11/1985	-29.8	-4.62

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **Devils River At Pafford Crossing Near Comstock**

Station Number **08449400**

Hydrologic Unit Code: 13040302

Drainage Area
(square miles): 3961

Latitude: 29° 40' 35"

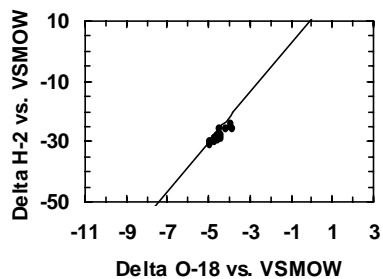
Datum (ft): 1131.88

Longitude: 101° 00' 00"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
2/18/1986	-28.7	-4.43
12/4/1984	-28.2	-4.59
2/12/1985	-28.6	-4.70
4/2/1985	-27.6	-4.36
6/4/1985	-25.4	-3.82
8/6/1985	-25.3	-3.94
10/16/1984	-25.4	-4.49
12/9/1985	-28.6	-4.69
8/25/1987	-29.2	-4.58
4/1/1986	-24.1	-3.95
6/10/1986	-31.0	-4.93
8/12/1986	-25.7	-4.19
11/18/1986	-29.7	-4.97
1/6/1987	-29.7	-4.88
5/12/1987	-29.6	-4.73
10/8/1985	-27.4	-4.47

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Texas**

Station Name: **Rio Grande Near Brownsville**

Station Number **08475000**

Hydrologic Unit Code: 13090002

Drainage Area
(square miles): 176333

Latitude: 25° 52' 35"

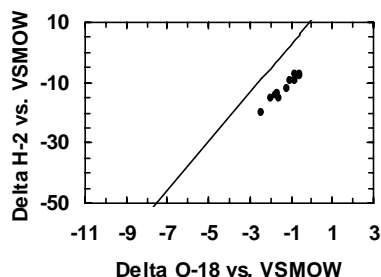
Datum (ft):

Longitude: 97° 27' 15"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/1/1987	-13.4	-1.64
7/7/1987	-15.1	-1.98
5/12/1987	-19.8	-2.41
3/10/1987	-14.8	-1.61
1/14/1987	-13.8	-1.75
5/14/1986	-11.7	-1.23
1/29/1986	-6.8	-.80
10/23/1985	-9.1	-.81
7/30/1985	-7.5	-.60
1/30/1985	-8.9	-1.05
11/1/1984	-7.0	-.56

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Utah**

Station Name: **Dolores River Near Cisco**

Station Number **09180000**

Hydrologic Unit Code: 14030004

Drainage Area
(square miles): 4580

Latitude: 38° 47' 50"

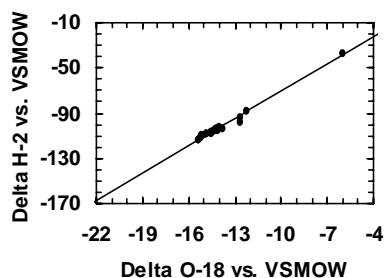
Datum (ft): 4165

Longitude: 109° 11' 40"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/25/1986	-108.3	-14.86
3/20/1985	-37.4	-5.96
3/22/1985	-107.5	-14.55
4/26/1985	-111.9	-15.19
5/24/1985	-108.7	-15.09
7/22/1985	-94.0	-12.61
9/3/1985	-98.3	-12.63
11/20/1985	-104.3	-14.10
11/21/1984	-102.0	-13.95
3/18/1986	-104.1	-14.15
8/20/1987	-103.3	-13.74
8/18/1986	-87.9	-12.20
11/17/1986	-104.6	-14.11
3/26/1987	-104.8	-14.22
4/23/1987	-113.2	-15.34
5/22/1987	-105.6	-14.38
6/29/1987	-110.3	-15.18
7/23/1987	-106.9	-14.47
1/23/1986	-105.5	-14.30

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Utah**

Station Name: **Colorado River Near Cisco**

Station Number **09180500**

Hydrologic Unit Code: 14030005

Drainage Area
(square miles): 24100

Latitude: 38° 48' 38"

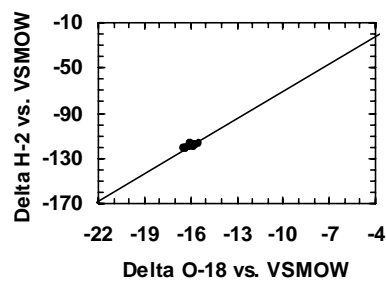
Datum (ft): 4090

Longitude: 109° 17' 34"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/23/1986	-121.0	-16.51
3/19/1985	-119.0	-16.05
4/22/1985	-116.1	-16.03
5/20/1985	-120.1	-16.37
7/23/1985	-117.3	-15.84
9/3/1985	-118.9	-15.73
11/19/1985	-120.4	-16.24
1/22/1986	-120.1	-16.23
11/19/1984	-121.0	-16.35
5/19/1986	-119.7	-16.11
8/19/1987	-117.6	-15.75
8/19/1986	-117.3	-15.64
11/20/1986	-117.3	-15.68
3/25/1987	-118.0	-15.78
4/20/1987	-115.7	-15.45
5/21/1987	-119.7	-16.24
6/25/1987	-116.3	-15.92
7/22/1987	-118.0	-15.76
3/24/1986	-119.3	-15.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Utah**

Station Name: **Green River Near Greendale**

Station Number **09234500**

Hydrologic Unit Code: 14040106

Drainage Area
(square miles): 15090

Latitude: 40° 54' 30"

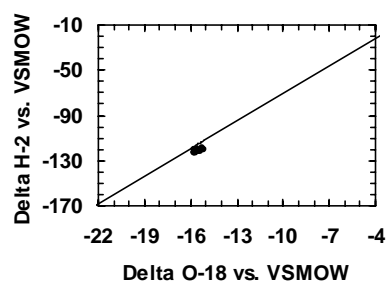
Datum (ft): 5594.48

Longitude: 109° 25' 20"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/27/1987	-121.3	-15.56
1/21/1987	-121.8	-15.48
8/14/1986	-121.2	-15.52
7/8/1986	-118.8	-15.27
5/20/1986	-121.6	-15.38
3/26/1986	-120.3	-15.35
1/14/1986	-121.3	-15.49
11/20/1985	-120.5	-15.27
8/14/1985	-120.7	-15.15
7/8/1985	-121.9	-15.64
5/31/1985	-120.7	-15.79
5/16/1985	-122.6	-15.80
3/25/1985	-123.1	-15.80
1/23/1985	-123.3	-15.67

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Utah**

Station Name: **White River At Mouth Near Ouray**

Station Number **09306900**

Hydrologic Unit Code: 14050007

Drainage Area
(square miles): 5120

Latitude: 40° 03' 54"

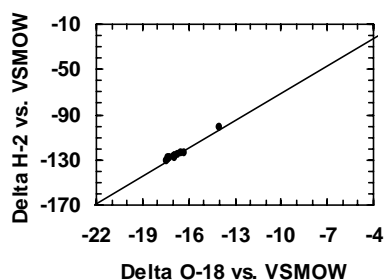
Datum (ft): 4655

Longitude: 109° 38' 06"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/13/1986	-123.2	-16.33
7/9/1986	-122.8	-16.44
5/19/1986	-127.1	-16.91
3/27/1986	-125.2	-16.69
1/13/1986	-128.2	-17.37
11/18/1985	-125.8	-16.89
9/12/1985	-101.0	-14.00
7/9/1985	-125.6	-16.86
5/15/1985	-127.7	-17.25
3/26/1985	-131.0	-17.45
1/22/1985	-128.4	-17.32
11/20/1984	-126.5	-16.89

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Utah**

Station Name: **Green River At Green River**

Station Number **09315000**

Hydrologic Unit Code: 14060008

Drainage Area
(square miles): 40590

Latitude: 38° 59' 10"

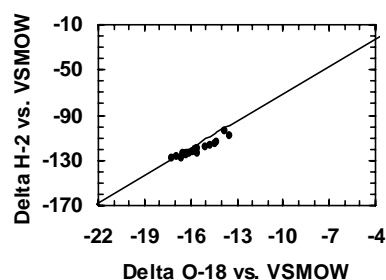
Datum (ft): 4040.18

Longitude: 110° 09' 02"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/24/1986	-123.1	-16.25
3/21/1985	-127.0	-16.55
4/23/1985	-128.2	-17.18
5/21/1985	-126.1	-16.86
7/25/1985	-103.5	-13.76
9/4/1985	-113.6	-14.28
11/18/1985	-119.7	-15.56
3/17/1986	-122.3	-15.90
11/20/1984	-120.5	-15.65
5/21/1986	-123.8	-16.21
8/7/1987	-108.0	-13.50
8/21/1986	-116.4	-14.75
11/19/1986	-122.9	-15.57
3/24/1987	-124.6	-16.33
4/21/1987	-122.2	-15.82
5/19/1987	-123.8	-16.49
6/26/1987	-117.1	-15.00
7/21/1987	-115.1	-14.43
4/23/1986	-123.3	-16.09

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Utah**

Station Name: **San Juan River Near Bluff**

Station Number **09379500**

Hydrologic Unit Code: 14080205

Drainage Area
(square miles): 23000

Latitude: 37° 08' 49"

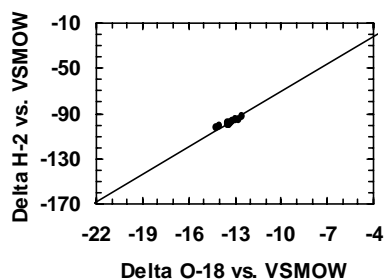
Datum (ft): 4048

Longitude: 109° 51' 51"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/20/1987	-97.8	-13.46
6/23/1987	-100.2	-14.03
5/18/1987	-102.1	-14.23
3/23/1987	-95.2	-12.95
11/21/1986	-96.6	-13.16
8/20/1986	-94.4	-12.78
5/22/1986	-98.6	-13.44
2/18/1986	-98.6	-13.41
11/21/1985	-97.3	-13.30
8/27/1985	-92.5	-12.49
5/22/1985	-97.1	-13.33
3/18/1985	-99.5	-13.35
11/27/1984	-95.5	-13.00

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Utah**

Station Name: **Bear River Near Corinne**

Station Number **10126000**

Hydrologic Unit Code: 16010204

Drainage Area
(square miles): 7029

Latitude: 41° 34' 35"

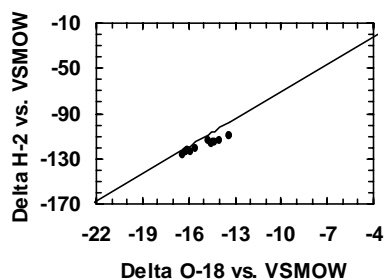
Datum (ft): 4204.6

Longitude: 112° 06' 00"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
10/6/1987	-116.3	-14.46
9/2/1987	-109.1	-13.36
6/4/1987	-113.9	-14.76
3/26/1987	-123.5	-16.14
12/3/1986	-115.5	-14.37
8/26/1986	-113.2	-13.95
5/2/1986	-122.2	-16.08
3/20/1986	-126.1	-16.37
12/4/1985	-122.8	-15.90
9/10/1985	-109.1	-13.33
5/28/1985	-123.0	-16.17
1/25/1985	-121.0	-15.52
12/31/1984	-114.7	-14.33

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Utah**

Station Name: **Weber River Near Plain City**

Station Number **10141000**

Hydrologic Unit Code: 16020102

Drainage Area
(square miles): 2060

Latitude: 41° 16' 42"

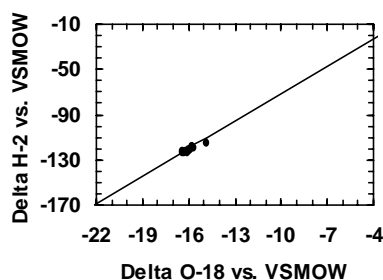
Datum (ft): 4207.1

Longitude: 112° 05' 28"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/12/1987	-114.4	-14.85
6/4/1987	-118.9	-15.75
3/25/1987	-122.0	-16.13
12/16/1986	-120.7	-15.95
7/15/1986	-122.7	-16.05
5/3/1986	-123.3	-16.38
3/19/1986	-123.4	-16.26
12/6/1985	-120.0	-15.87
9/9/1985	-118.6	-15.61
5/23/1985	-122.5	-16.42
2/10/1985	-121.7	-16.02
11/28/1984	-118.2	-15.74

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Utah**

Station Name: **Jordan River At 1700 S At Salt Lake City**

Station Number **10171000**

Hydrologic Unit Code: 16020204

Drainage Area
(square miles): 3420

Latitude: 40° 44' 01"

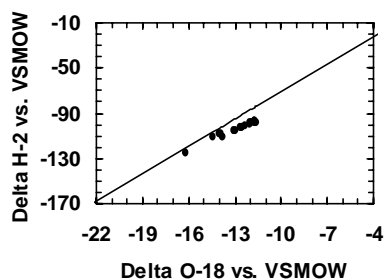
Datum (ft): 4220.73

Longitude: 111° 55' 21"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/1/1986	-108.2	-14.03
2/9/1985	-101.6	-12.58
4/4/1985	-104.4	-13.02
5/21/1985	-107.6	-13.84
7/8/1985	-100.5	-12.36
9/30/1985	-97.5	-11.63
12/5/1985	-96.5	-11.69
11/19/1984	-98.4	-12.00
3/17/1986	-124.7	-16.19
8/27/1987	-97.2	-11.70
7/14/1986	-104.3	-12.94
8/27/1986	-98.2	-11.89
12/4/1986	-96.6	-11.67
3/12/1987	-101.5	-12.48
5/20/1987	-110.4	-14.43
7/10/1987	-101.4	-12.50
8/12/1987	-98.8	-12.02
1/21/1986	-110.5	-13.83

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Utah**

Station Name: **Red Butte Creek At Ft. Douglas Near Salt Lake City**

Station Number **10172200**

Hydrologic Unit Code: 16020204

Drainage Area
(square miles): 7.25

Latitude: 40° 46' 48"

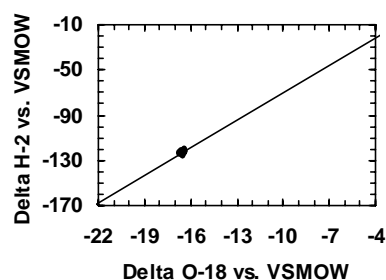
Datum (ft): 5400

Longitude: 111° 48' 19"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/15/1986	-122.8	-16.52
2/5/1985	-122.0	-16.39
4/3/1985	-122.2	-16.37
5/16/1985	-121.2	-16.37
7/29/1985	-122.4	-16.42
9/26/1985	-121.9	-16.43
11/29/1985	-123.4	-16.68
1/20/1986	-123.9	-16.57
11/21/1984	-121.9	-16.38
4/29/1986	-121.2	-16.44
10/7/1987	-124.4	-16.48
8/27/1986	-123.3	-16.44
12/2/1986	-123.3	-16.52
3/13/1987	-122.1	-16.33
5/19/1987	-120.3	-16.39
7/10/1987	-122.4	-16.57
8/13/1987	-122.2	-16.45
8/31/1987	-123.0	-16.48
3/18/1986	-124.6	-16.45

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Utah**

Station Name: **Sevier River Near Lynndyl**

Station Number **10224000**

Hydrologic Unit Code: 16030005

Drainage Area
(square miles): 5966

Latitude: 39° 28' 55"

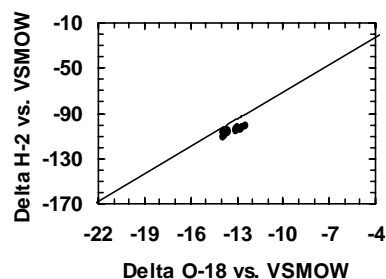
Datum (ft): 4660

Longitude: 112° 23' 35"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/27/1986	-106.5	-13.63
2/8/1985	-106.8	-13.61
4/2/1985	-107.0	-13.90
5/17/1985	-107.8	-13.79
7/30/1985	-105.1	-13.59
9/4/1985	-102.0	-12.93
11/20/1985	-103.1	-12.78
11/30/1984	-109.7	-13.83
3/25/1986	-106.8	-13.62
7/29/1987	-101.1	-12.45
7/30/1986	-104.8	-13.08
9/11/1986	-103.0	-12.73
11/19/1986	-110.2	-13.85
1/27/1987	-103.3	-12.81
3/24/1987	-103.8	-13.08
5/28/1987	-104.6	-13.08
1/14/1986	-102.5	-12.60

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Utah**

Station Name: **Beaver Riv At Adamsville**

Station Number **10237000**

Hydrologic Unit Code: 16030007

Drainage Area
(square miles): 303

Latitude: 38° 15' 13"

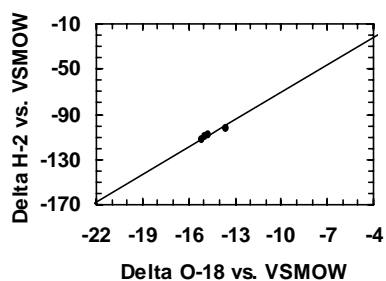
Datum (ft): 5550

Longitude: 112° 45' 56"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/3/1985	-102.6	-13.54
5/21/1985	-107.0	-14.77
3/30/1985	-111.5	-15.10
12/31/1984	-109.0	-14.90

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Vermont**

Station Name: **Black River At Coventry**

Station Number **04296000**

Hydrologic Unit Code: 01110000

Drainage Area
(square miles): 122

Latitude: 44° 52' 08"

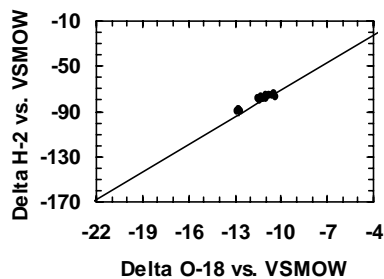
Datum (ft): 725

Longitude: 72° 16' 14"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/26/1986	-89.0	-12.63
1/30/1985	-78.5	-11.47
4/3/1985	-87.8	-12.72
5/29/1985	-78.5	-11.22
8/6/1985	-77.1	-10.97
9/18/1985	-75.3	-10.74
11/28/1984	-75.4	-10.93
1/31/1986	-88.6	-12.78
9/30/1987	-73.1	-10.50
7/15/1986	-78.1	-11.01
11/21/1986	-76.9	-11.29
1/7/1987	-79.2	-11.41
4/8/1987	-89.9	-12.84
6/24/1987	-75.1	-10.59
8/21/1987	-76.1	-10.39
12/17/1985	-76.9	-11.00

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Virginia**

Station Name: **Holiday Creek Near Andersonville**

Station Number **02038850**

Hydrologic Unit Code: 02080207

Drainage Area
(square miles): 8.53

Latitude: 37° 24' 55"

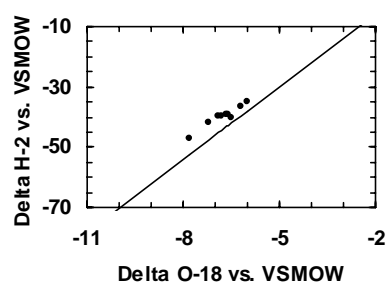
Datum (ft): 472.97

Longitude: 78° 38' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/25/1987	-36.7	-6.21
7/8/1987	-39.3	-6.63
3/17/1987	-47.3	-7.81
12/9/1986	-39.1	-6.60
8/20/1986	-40.3	-6.50
8/27/1985	-34.8	-6.01
5/22/1985	-39.5	-6.90
2/26/1985	-42.0	-7.20
12/4/1984	-39.5	-6.80

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Virginia**

Station Name: **Blackwater River Near Franklin**

Station Number **02049500**

Hydrologic Unit Code: 03010202

Drainage Area
(square miles): 617

Latitude: 36° 45' 45"

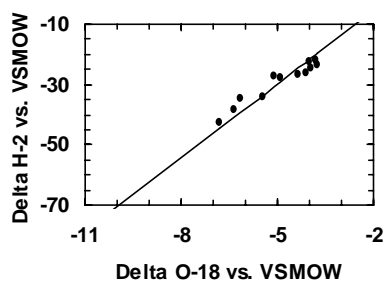
Datum (ft): 1.56

Longitude: 76° 53' 55"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/13/1987	-21.9	-3.79
5/5/1987	-33.7	-5.47
2/12/1987	-42.1	-6.78
11/18/1986	-24.1	-3.93
8/21/1986	-27.7	-4.91
5/22/1986	-25.7	-4.11
2/19/1986	-38.2	-6.33
11/14/1985	-27.1	-5.09
8/21/1985	-26.6	-4.35
5/22/1985	-23.4	-3.75
2/19/1985	-34.2	-6.16
11/20/1984	-22.1	-4.00

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Virginia**

Station Name: **Dan River At Paces**

Station Number **02075500**

Hydrologic Unit Code: 03010104

Drainage Area
(square miles): 2550

Latitude: 36° 38' 32"

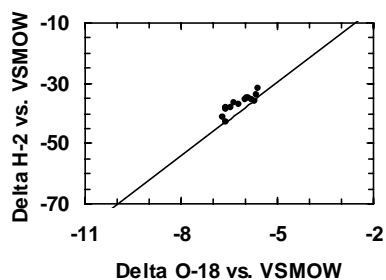
Datum (ft): 322.48

Longitude: 79° 05' 23"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/6/1987	-35.7	-5.99
6/17/1987	-38.2	-6.46
3/26/1987	-43.2	-6.59
1/29/1987	-41.5	-6.70
11/10/1986	-34.9	-5.90
8/20/1986	-35.3	-5.82
6/4/1986	-34.0	-5.64
1/30/1986	-37.2	-6.21
11/18/1985	-36.5	-6.35
8/6/1985	-36.1	-5.71
6/11/1985	-31.9	-5.58
4/25/1985	-34.9	-5.95
1/23/1985	-38.2	-6.62
12/6/1984	-38.7	-6.59

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Virginia**

Station Name: **New River At Glen Lyn**

Station Number **03176500**

Hydrologic Unit Code: 05050002

Drainage Area
(square miles): 3768

Latitude: 37° 22' 22"

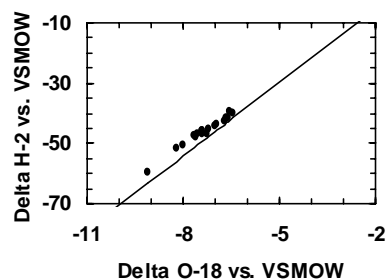
Datum (ft): 1490.24

Longitude: 80° 51' 39"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/2/1986	-39.8	-6.44
1/29/1985	-45.7	-7.41
3/20/1985	-47.5	-7.58
5/29/1985	-46.7	-7.41
7/23/1985	-41.1	-6.58
9/4/1985	-42.2	-6.71
12/18/1985	-45.6	-7.38
11/28/1984	-43.2	-6.94
3/25/1986	-47.1	-7.64
9/2/1987	-39.1	-6.58
5/6/1986	-46.6	-7.25
7/29/1986	-41.2	-6.63
12/3/1986	-44.1	-7.00
2/11/1987	-50.3	-7.99
3/10/1987	-59.4	-9.10
5/19/1987	-51.6	-8.21
6/30/1987	-44.8	-7.18
1/22/1986	-46.7	-7.55

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Willapa River Near Willapa**

Station Number **12013500**

Hydrologic Unit Code: 17100106

Drainage Area
(square miles): 130

Latitude: 46° 39' 04"

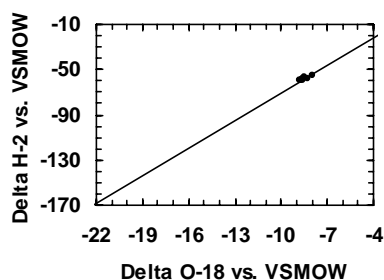
Datum (ft): 3.57

Longitude: 123° 39' 05"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/28/1986	-55.9	-8.00
5/29/1986	-58.1	-8.61
3/6/1986	-60.1	-8.72
11/15/1985	-57.0	-8.50
8/21/1985	-57.7	-8.29
5/23/1985	-58.9	-8.75
3/21/1985	-60.0	-8.70
11/16/1984	-59.5	-8.55

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Chehalis River At Porter**

Station Number **12031000**

Hydrologic Unit Code: 17100103

Drainage Area
(square miles): 1294

Latitude: 46° 56' 17"

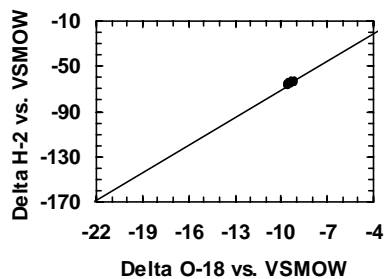
Datum (ft): 23.64

Longitude: 123° 18' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
1/23/1986	-65.8	-9.60
11/16/1984	-65.5	-9.35
1/28/1985	-67.0	-9.65
3/18/1985	-67.0	-9.50
5/20/1985	-64.5	-9.50
7/22/1985	-63.4	-9.14
9/20/1984	-64.0	-9.35
11/12/1985	-63.5	-9.34
9/10/1987	-62.8	-9.10
3/24/1986	-66.1	-9.52
5/30/1986	-64.3	-9.48
7/22/1986	-63.6	-9.21
1/27/1987	-63.5	-9.36
5/6/1987	-64.5	-9.26
7/8/1987	-64.2	-9.07
9/23/1985	-62.8	-9.32

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **North Fork Quinault River Near Amanda Park**

Station Number **12039300**

Hydrologic Unit Code: 17100102

Drainage Area
(square miles): 74.1

Latitude: 47° 35' 46"

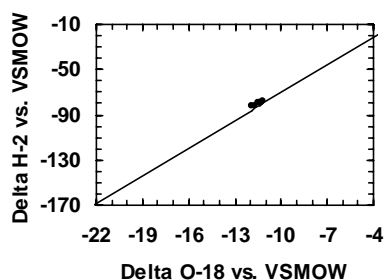
Datum (ft): 620

Longitude: 123° 37' 23"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/27/1986	-78.8	-11.32
5/28/1986	-79.5	-11.44
3/5/1986	-79.3	-11.44
11/14/1985	-79.9	-11.27
8/20/1985	-82.2	-11.65
5/22/1985	-81.8	-11.90
3/20/1985	-80.0	-11.45
11/15/1984	-78.0	-11.15

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Queets River Near Clearwater**

Station Number **12040500**

Hydrologic Unit Code: 17100102

Drainage Area
(square miles): 445

Latitude: 47° 32' 20"

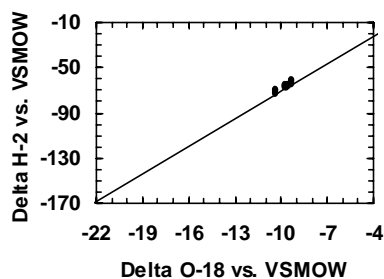
Datum (ft): 14.5

Longitude: 124° 18' 50"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/25/1987	-66.2	-9.75
5/5/1987	-65.8	-9.67
8/26/1986	-65.9	-9.73
5/27/1986	-65.6	-9.48
3/4/1986	-65.8	-9.53
11/13/1985	-61.7	-9.31
8/19/1985	-72.4	-10.32
5/21/1985	-69.2	-10.35
3/19/1985	-67.0	-9.60
11/14/1984	-64.0	-9.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Elwha River At McDonald Br Near Prt Angeles**

Station Number **12045500**

Hydrologic Unit Code: 17110020

Drainage Area
(square miles): 269

Latitude: 48° 03' 18"

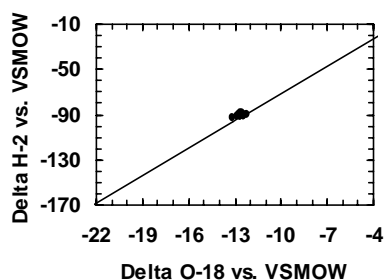
Datum (ft): 200

Longitude: 123° 34' 55"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/24/1986	-90.0	-12.65
5/22/1986	-90.2	-12.61
3/27/1986	-88.8	-12.59
1/8/1986	-90.1	-12.67
11/22/1985	-87.7	-12.48
9/26/1985	-88.2	-12.65
7/18/1985	-92.6	-13.15
5/16/1985	-89.3	-12.75
3/7/1985	-89.5	-12.45
1/30/1985	-90.0	-12.45
11/29/1984	-89.0	-12.25
9/19/1984	-91.0	-12.85

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Puyallup River At Puyallup**

Station Number **12101500**

Hydrologic Unit Code: 17110014

Drainage Area
(square miles): 948

Latitude: 47° 12' 52"

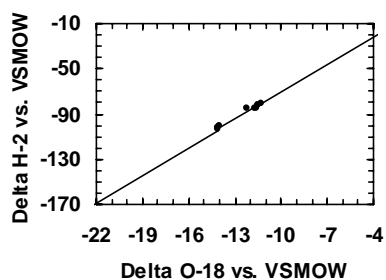
Datum (ft):

Longitude: 122° 20' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/26/1987	-100.2	-13.94
8/5/1986	-102.0	-14.14
5/19/1986	-80.3	-11.24
2/19/1986	-82.5	-11.54
11/19/1985	-81.5	-11.50
8/19/1985	-103.5	-14.13
5/13/1985	-84.9	-12.20
3/4/1985	-85.0	-11.60
11/26/1984	-85.0	-11.65

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Snohomish River Near Monroe**

Station Number **12150800**

Hydrologic Unit Code: 17110011

Drainage Area
(square miles): 1537

Latitude: 47° 49' 52"

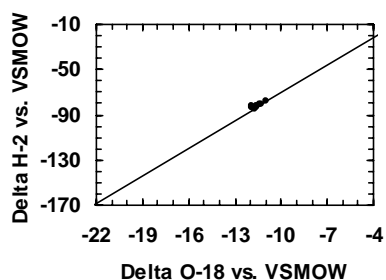
Datum (ft): 13.25

Longitude: 122° 02' 50"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/6/1986	-82.8	-11.59
5/20/1986	-83.0	-11.92
2/20/1986	-80.2	-11.37
11/20/1985	-77.8	-10.96
8/21/1985	-84.5	-11.69
5/14/1985	-81.8	-11.95
3/5/1985	-83.0	-11.60
11/27/1984	-81.0	-11.25

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Skagit River Near Mount Vernon**

Station Number **12200500**

Hydrologic Unit Code: 17110007

Drainage Area
(square miles): 3093

Latitude: 48° 26' 42"

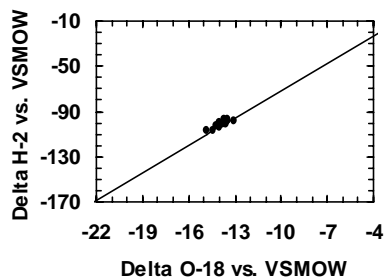
Datum (ft): 0

Longitude: 122° 20' 03"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
1/7/1986	-100.4	-13.76
11/28/1984	-100.5	-13.55
1/29/1985	-106.0	-14.40
3/6/1985	-104.0	-13.95
5/15/1985	-97.4	-13.50
7/17/1985	-107.0	-14.85
9/18/1984	-102.5	-14.20
11/21/1985	-99.2	-13.57
9/9/1987	-100.0	-13.87
3/26/1986	-97.1	-13.48
5/21/1986	-97.2	-13.10
7/25/1986	-101.8	-14.12
1/28/1987	-96.0	-13.45
5/8/1987	-96.6	-13.65
7/7/1987	-100.6	-13.84
9/25/1985	-99.1	-13.99

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Pend Oreille River At International Boundary**

Station Number **12398600**

Hydrologic Unit Code: 17010216

Drainage Area
(square miles): 25200

Latitude: 48° 59' 56"

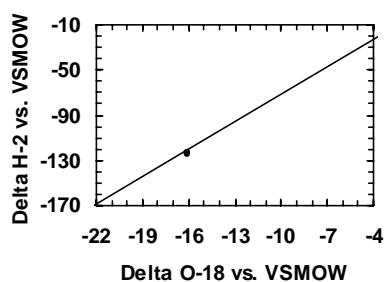
Datum (ft): 1700

Longitude: 117° 21' 09"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
11/6/1985	-124.9	-16.07
10/24/1984	-123.0	-16.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Columbia River At Northport**

Station Number **12400520**

Hydrologic Unit Code: 17020001

Drainage Area
(square miles): 60200

Latitude: 48° 55' 21"

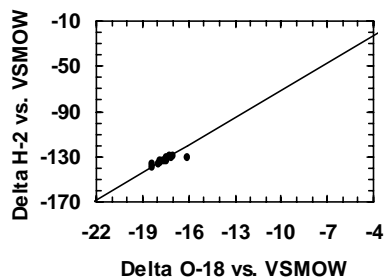
Datum (ft):

Longitude: 117° 46' 32"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/20/1986	-133.6	-17.57
11/13/1984	-132.0	-17.45
2/12/1985	-136.0	-18.40
5/22/1985	-129.8	-17.43
7/15/1985	-134.4	-17.82
9/18/1985	-130.7	-17.12
9/12/1984	-136.5	-17.95
3/12/1986	-129.4	-17.21
9/1/1987	-135.0	-17.88
9/3/1986	-75.1	
11/18/1986	-130.4	-16.07
1/21/1987	-138.6	-18.38
3/18/1987	-132.7	-17.41
5/20/1987	-129.1	-16.97
7/8/1987	-133.5	-17.87
1/29/1986	-133.6	-17.63

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Spokane River At Long Lake**

Station Number **12433000**

Hydrologic Unit Code: 17010307

Drainage Area
(square miles): 6020

Latitude: 47° 50' 12"

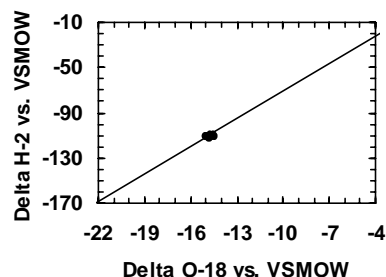
Datum (ft): 1299

Longitude: 117° 50' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/2/1986	-109.9	-14.52
7/17/1986	-109.3	-14.67
3/5/1986	-111.0	-14.88
1/13/1986	-110.5	-14.77
11/21/1985	-110.8	-14.74
9/4/1985	-112.3	-14.67
7/10/1985	-111.7	-14.79
5/28/1985	-110.4	-15.02
1/16/1985	-111.0	-14.90
11/15/1984	-109.0	-14.50
9/13/1984	-110.0	-14.40

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Okanogan River At Malott**

Station Number **12447200**

Hydrologic Unit Code: 17020006

Drainage Area
(square miles): 8080

Latitude: 48° 16' 53"

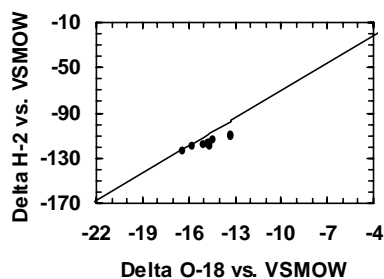
Datum (ft): 790

Longitude: 119° 42' 12"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/6/1987	-113.6	-14.36
6/17/1987	-118.7	-15.78
2/3/1987	-118.2	-15.07
10/8/1986	-115.6	-14.61
10/6/1986	-109.3	-13.24
8/14/1986	-109.9	-13.27
8/5/1985	-117.6	-14.69
6/6/1985	-123.6	-16.36
2/4/1985	-118.5	-14.60
10/17/1984	-116.5	-14.70

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Andrews Creek Near Mazama**

Station Number **12447390**

Hydrologic Unit Code: 17020008

Drainage Area
(square miles): 22.1

Latitude: 48° 49' 23"

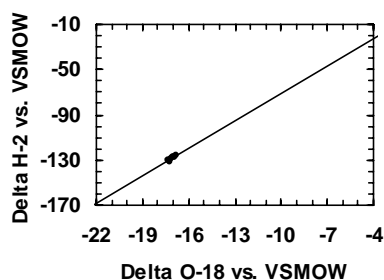
Datum (ft): 4300

Longitude: 120° 08' 41"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
10/7/1987	-127.7	-16.97
8/4/1987	-127.3	-16.85
6/16/1987	-126.4	-16.80
2/19/1987	-129.9	-17.28
8/13/1986	-129.2	-17.08
8/6/1985	-131.8	-17.22
6/4/1985	-130.4	-17.23
10/16/1984	-127.0	-16.95

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Columbia River At Vernita Br Near Priest Rapids Dam**

Station Number **12472900**

Hydrologic Unit Code: 17020016

Drainage Area
(square miles): 96000

Latitude: 46° 38' 24"

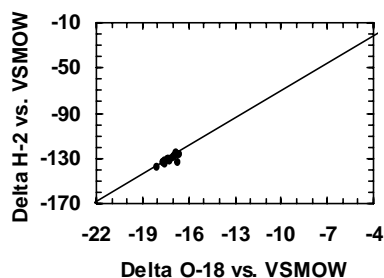
Datum (ft):

Longitude: 119° 43' 54"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/27/1986	-125.3	-16.76
11/14/1984	-131.0	-17.30
1/22/1985	-134.0	-17.55
3/26/1985	-137.5	-18.05
5/28/1985	-126.0	-16.76
7/29/1985	-126.9	-16.88
9/30/1985	-132.6	-16.74
12/17/1985	-132.3	-17.17
9/11/1984	-129.5	-17.05
3/12/1986	-133.7	-17.66
9/2/1987	-130.3	-17.25
7/21/1986	-127.5	-16.88
9/25/1986	-132.4	-17.50
11/12/1986	-131.5	-17.26
1/21/1987	-130.8	-17.35
3/10/1987	-133.8	-17.67
5/19/1987	-126.0	-16.54
7/7/1987	-125.8	-16.73
1/21/1986	-133.3	-17.56

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Columbia River At Richland**

Station Number **12473520**

Hydrologic Unit Code: 17020016

Drainage Area
(square miles): 96900

Latitude:

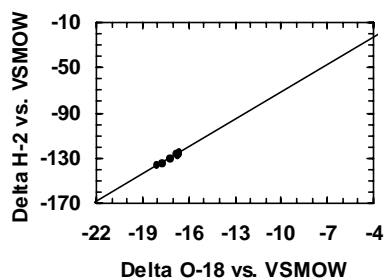
Datum (ft):

Longitude:

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/8/1987	-125.8	-16.64
5/20/1987	-125.9	-16.64
3/9/1987	-134.8	-17.74
5/28/1986	-126.5	-16.77
3/12/1986	-134.1	-17.63
12/18/1985	-129.8	-17.14
7/30/1985	-128.0	-16.74
5/29/1985	-125.0	-16.61
3/27/1985	-136.0	-18.06
11/15/1984	-130.7	-17.25

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Yakima River Above Ahtanum Creek At Union Gap**

Station Number **12500450**

Hydrologic Unit Code: 17030003

Drainage Area
(square miles): 3479

Latitude: 46° 32' 04"

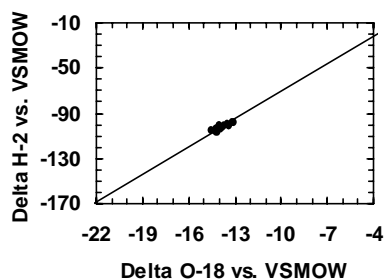
Datum (ft): 900

Longitude: 120° 27' 58"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
1/27/1986	-105.7	-14.13
11/8/1984	-103.0	-13.90
1/8/1985	-103.5	-14.05
3/13/1985	-106.0	-14.20
5/8/1985	-104.8	-14.53
7/15/1985	-100.6	-13.98
7/15/1985	-99.9	-13.70
9/11/1984	-100.0	-13.95
11/5/1985	-99.9	-13.38
9/10/1987	-98.0	-13.11
5/10/1986	-103.7	-14.24
9/22/1986	-98.8	-13.48
11/5/1986	-102.3	-13.79
2/6/1987	-103.4	-14.06
3/25/1987	-104.2	-14.16
5/14/1987	-103.9	-14.08
8/11/1987	-97.6	-13.05
9/17/1985	-100.6	-13.41

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Yakima River At Kiona**

Station Number **12510500**

Hydrologic Unit Code: 17030003

Drainage Area
(square miles): 5615

Latitude: 46° 15' 13"

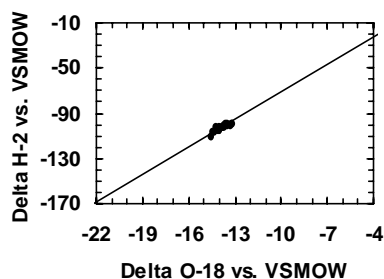
Datum (ft): 454.41

Longitude: 119° 28' 37"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/11/1986	-110.3	-14.54
11/20/1984	-102.0	-13.95
1/21/1985	-105.0	-14.00
3/11/1985	-106.5	-14.30
5/1/1985	-102.5	-14.16
7/10/1985	-102.7	-13.83
9/11/1985	-99.7	-13.43
9/10/1984	-101.0	
1/8/1986	-105.1	-13.99
9/15/1987	-100.7	-13.22
7/1/1986	-101.2	-13.70
9/15/1986	-100.4	-13.45
11/4/1986	-102.7	-13.80
1/20/1987	-104.6	-14.10
3/19/1987	-106.9	-14.41
5/21/1987	-101.6	-13.71
8/20/1987	-99.3	-13.15
11/15/1985	-99.6	-13.56

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Snake River At Burbank**

Station Number **13353200**

Hydrologic Unit Code: 17060110

Drainage Area
(square miles): 108800

Latitude: 46° 12' 59"

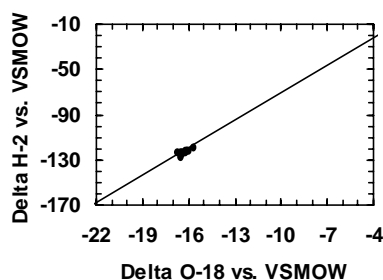
Datum (ft):

Longitude: 119° 01' 22"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/19/1987	-119.7	-15.63
4/28/1987	-122.3	-16.09
3/11/1987	-127.6	-16.44
11/10/1986	-123.2	-16.12
8/12/1986	-122.7	-16.38
5/28/1986	-123.2	-16.47
5/8/1986	-124.6	-16.48
3/10/1986	-122.2	-16.10
11/26/1985	-121.9	-15.95
5/21/1985	-123.1	-16.70
2/9/1985	-125.0	-16.40
11/19/1984	-122.0	-16.15

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Klickitat River Near Pitt**

Station Number **14113000**

Hydrologic Unit Code: 17070106

Drainage Area
(square miles): 1297

Latitude: 45° 45' 24"

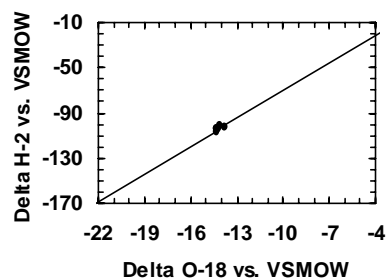
Datum (ft): 288.9

Longitude: 121° 12' 32"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/21/1986	-102.9	-14.18
2/11/1986	-103.0	-14.20
11/5/1985	-102.3	-13.77
8/20/1985	-106.4	-14.28
5/15/1985	-103.0	-14.35
2/13/1985	-103.5	-14.30
11/6/1984	-100.0	-14.05

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Lewis River At Ariel**

Station Number **14220500**

Hydrologic Unit Code: 17080002

Drainage Area
(square miles): 731

Latitude: 45° 57' 07"

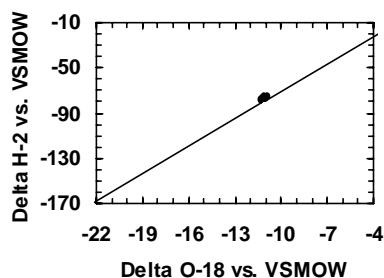
Datum (ft): 44

Longitude: 122° 33' 46"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/3/1986	-76.2	-11.14
3/5/1986	-75.8	-11.09
10/29/1985	-75.2	-10.89
7/26/1985	-77.5	-11.24
4/15/1985	-76.8	-10.99
1/23/1985	-76.1	-11.10

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Washington**

Station Name: **Cowlitz River At Kelso**

Station Number **14244200**

Hydrologic Unit Code: 17080005

Drainage Area
(square miles): 2349

Latitude: 46° 08' 44"

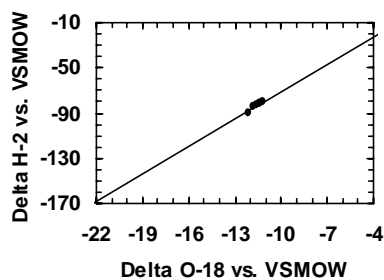
Datum (ft):

Longitude: 122° 54' 47"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/23/1986	-84.0	-11.83
8/1/1985	-88.7	-12.17
6/14/1985	-81.8	-11.63
4/18/1985	-80.0	-11.21
2/20/1985	-81.2	-11.43
12/20/1984	-81.0	-11.43

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **West Virginia**

Station Name: **Potomac River At Shepherdstown**

Station Number **01618000**

Hydrologic Unit Code: 02070004

Drainage Area
(square miles): 5936

Latitude: 39° 26' 04"

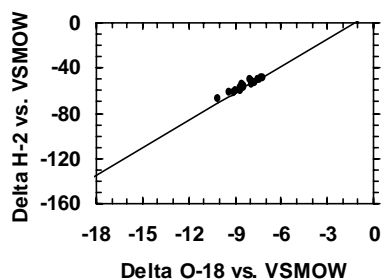
Datum (ft): 281

Longitude: 77° 48' 07"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/5/1986	-55.0	-8.47
3/11/1985	-60.8	-9.10
5/1/1985	-58.3	-8.59
7/1/1985	-53.5	-7.91
9/3/1985	-52.0	-7.69
11/4/1985	-51.6	-7.87
11/6/1985	-49.9	-8.02
1/7/1985	-54.5	-8.55
3/3/1986	-59.6	-8.94
9/8/1987	-48.6	-7.18
7/1/1986	-49.4	-7.35
9/2/1986	-48.2	-7.23
11/17/1986	-58.8	-8.65
1/5/1987	-55.9	-8.66
3/5/1987	-66.9	-10.11
5/11/1987	-60.9	-9.35
7/6/1987	-50.2	-7.53
1/7/1986	-56.0	-8.38

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **West Virginia**

Station Name: **Shenandoah River At Millville**

Station Number **01636500**

Hydrologic Unit Code: 02070007

Drainage Area
(square miles): 3040

Latitude: 39° 16' 55"

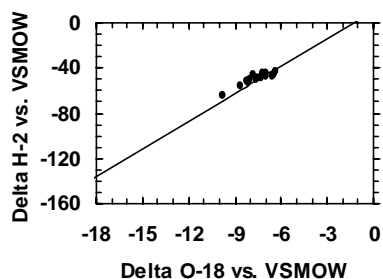
Datum (ft): 293

Longitude: 77° 47' 22"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/5/1986	-49.1	-7.61
3/11/1985	-51.0	-8.15
5/1/1985	-48.7	-7.49
7/1/1985	-46.3	-6.95
9/3/1985	-47.9	-7.33
11/4/1985	-43.2	-7.14
11/6/1985	-44.9	-7.79
1/7/1985	-52.0	-8.15
3/4/1986	-51.5	-8.23
9/8/1987	-41.9	-6.36
7/1/1986	-45.4	-6.40
9/2/1986	-46.8	-6.55
11/17/1986	-44.9	-7.23
1/5/1987	-50.2	-8.02
3/5/1987	-64.0	-9.81
5/11/1987	-54.6	-8.61
7/6/1987	-43.9	-6.97
1/6/1986	-51.3	-8.07

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **West Virginia**

Station Name: **Ohio River At Benwood Near Wheeling**

Station Number **03112510**

Hydrologic Unit Code: 05030106

Drainage Area
(square miles): 25070

Latitude: 40° 00' 54"

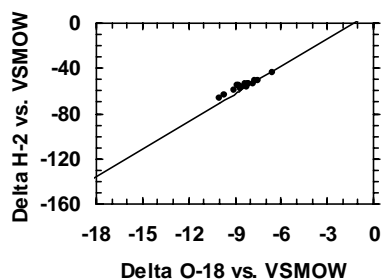
Datum (ft):

Longitude: 80° 44' 20"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/28/1987	-56.0	-8.18
5/19/1987	-60.0	-9.10
4/1/1987	-43.9	-6.54
3/24/1987	-66.9	-10.01
2/3/1987	-56.6	-8.50
11/19/1986	-50.4	-7.75
8/13/1986	-54.4	-7.80
6/4/1986	-58.2	-8.61
2/11/1986	-64.2	-9.67
12/12/1985	-54.3	-8.12
8/6/1985	-50.8	-7.49
6/4/1985	-53.4	-8.32
4/2/1985	-55.1	-8.81
12/18/1984	-55.5	-8.78
11/7/1984	-53.5	-8.13

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **West Virginia**

Station Name: **Little Kanawha River At Palestine**

Station Number **03155000**

Hydrologic Unit Code: 05030203

Drainage Area
(square miles): 1515

Latitude: 39° 03' 35"

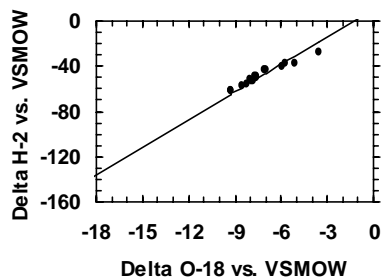
Datum (ft): 585.51

Longitude: 81° 23' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/2/1986	-49.8	-7.64
12/17/1984	-47.7	-7.70
4/3/1985	-51.0	-8.03
6/3/1985	-48.6	-7.60
8/5/1985	-39.5	-5.89
12/10/1985	-56.9	-8.58
11/14/1984	-42.7	-7.00
4/7/1986	-51.9	-7.77
9/1/1987	-26.4	-3.52
8/12/1986	-37.2	-5.72
11/18/1986	-42.9	-7.09
2/4/1987	-61.5	-9.29
3/23/1987	-52.3	-7.91
5/18/1987	-55.1	-8.18
7/28/1987	-37.2	-5.14
2/10/1986	-61.1	-9.23

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **West Virginia**

Station Name: **Kanawha River At Winfield**

Station Number **03201300**

Hydrologic Unit Code: 05050008

Drainage Area
(square miles): 11809

Latitude: 38° 31' 32"

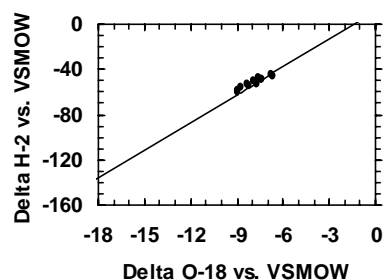
Datum (ft):

Longitude: 81° 54' 40"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/31/1987	-45.1	-6.63
6/26/1987	-48.6	-7.43
3/30/1987	-57.4	-8.94
12/31/1986	-49.7	-7.96
9/8/1986	-43.6	-6.75
7/25/1986	-48.2	-7.35
3/27/1986	-59.4	-8.90
12/12/1985	-53.9	-8.26
7/24/1985	-52.1	-7.74
5/15/1985	-52.5	-8.35
3/5/1985	-54.6	-8.77
11/15/1984	-47.1	-7.64

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **West Virginia**

Station Name: **Guyandotte River At Branchland**

Station Number **03204000**

Hydrologic Unit Code: 05070102

Drainage Area
(square miles): 1224

Latitude: 38° 13' 15"

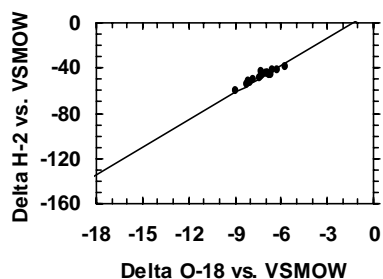
Datum (ft): 547.91

Longitude: 82° 12' 10"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/22/1986	-52.1	-8.01
12/18/1984	-43.1	-7.33
3/6/1985	-49.8	-7.84
6/12/1985	-46.0	-7.29
7/23/1985	-43.7	-6.86
9/4/1985	-41.6	-6.59
11/25/1985	-47.8	-7.40
10/17/1984	-44.3	-7.00
3/26/1986	-52.3	-8.07
9/2/1987	-37.6	-5.68
7/31/1986	-41.6	-6.26
9/8/1986	-44.8	-6.79
12/11/1986	-44.7	-7.15
2/24/1987	-53.4	-8.25
5/7/1987	-58.8	-8.90
6/25/1987	-43.5	-6.88
7/29/1987	-45.9	-6.62
2/4/1986	-51.4	-8.06

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wisconsin**

Station Name: **Nemadji River Near South Superior**

Station Number **04024430**

Hydrologic Unit Code: 04010301

Drainage Area
(square miles): 420

Latitude: 46° 38' 00"

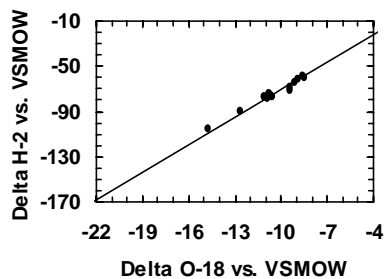
Datum (ft):

Longitude: 92° 05' 38"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/7/1986	-104.2	-14.69
2/19/1985	-76.4	-11.04
4/15/1985	-89.3	-12.65
6/25/1985	-67.4	-9.44
8/12/1985	-63.8	-9.09
10/8/1985	-73.2	-10.78
1/8/1985	-74.3	-10.77
3/4/1986	-76.8	-11.07
10/6/1987	-70.2	-9.38
6/26/1986	-58.1	-8.62
8/20/1986	-60.8	-8.88
1/21/1987	-77.1	-10.88
3/3/1987	-77.5	-10.92
4/13/1987	-76.3	-10.56
8/24/1987	-59.7	-8.46
1/8/1986	-75.0	-10.65

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wisconsin**

Station Name: **Bad River Near Odanah**

Station Number **04027595**

Hydrologic Unit Code: 04010302

Drainage Area
(square miles): 597

Latitude: 46° 36' 37"

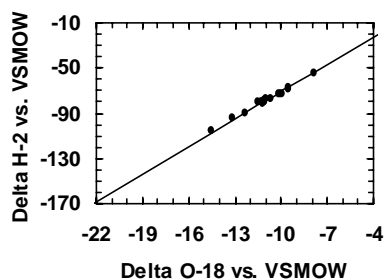
Datum (ft): 668.3

Longitude: 90° 41' 13"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/25/1986	-68.5	-9.57
2/28/1985	-77.7	-11.05
4/16/1985	-93.5	-13.17
6/26/1985	-72.9	-10.17
8/13/1985	-53.8	-7.90
10/9/1985	-80.0	-11.46
1/8/1986	-79.1	-11.09
1/9/1985	-76.7	-10.94
4/8/1986	-104.4	-14.49
10/14/1987	-77.2	-10.69
8/21/1986	-72.3	-9.90
11/12/1986	-80.0	-11.25
1/7/1987	-79.5	-11.11
2/25/1987	-80.6	-11.21
4/2/1987	-89.5	-12.30
6/3/1987	-67.2	-9.47
8/19/1987	-72.9	-10.02
3/5/1986	-79.7	-11.23

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wisconsin**

Station Name: **Popple River Near Fence**

Station Number **04063700**

Hydrologic Unit Code: 04030106

Drainage Area
(square miles): 139

Latitude: 45° 45' 49"

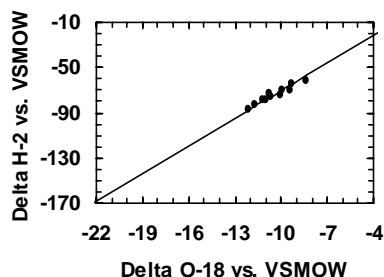
Datum (ft): 1406.16

Longitude: 88° 27' 47"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/19/1987	-60.6	-8.37
5/13/1987	-73.4	-10.02
1/21/1987	-78.4	-11.14
11/19/1986	-74.5	-10.69
8/7/1986	-69.0	-9.42
4/22/1986	-86.3	-12.13
1/29/1986	-77.6	-11.00
11/13/1985	-72.9	-10.73
9/4/1985	-63.7	-9.29
6/26/1985	-69.3	-9.95
3/6/1985	-82.1	-11.68

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wisconsin**

Station Name: **Menominee River Near McAllister**

Station Number **04067500**

Hydrologic Unit Code: 04030106

Drainage Area
(square miles): 3930

Latitude: 45° 19' 33"

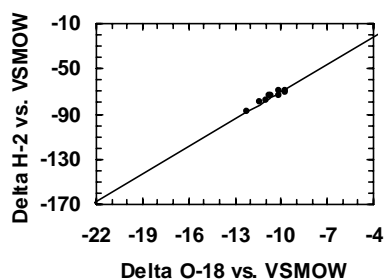
Datum (ft): 630

Longitude: 87° 39' 48"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/6/1986	-71.3	-9.75
6/24/1986	-73.8	-10.10
4/23/1986	-87.7	-12.20
3/12/1986	-77.7	-10.98
12/18/1985	-74.3	-10.63
11/14/1985	-69.2	-10.18
9/5/1985	-69.8	-9.74
3/7/1985	-79.9	-11.39
1/24/1985	-73.9	-10.79

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wisconsin**

Station Name: **Milwaukee River At Milwaukee**

Station Number **04087000**

Hydrologic Unit Code: 04040003

Drainage Area
(square miles): 696

Latitude: 43° 06' 00"

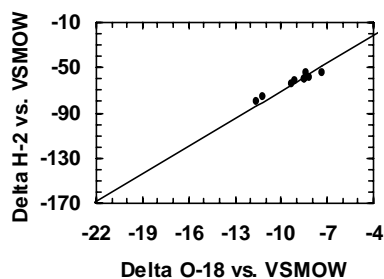
Datum (ft): 607.23

Longitude: 87° 54' 32"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
3/26/1987	-64.0	-9.30
11/11/1986	-58.0	-8.38
7/15/1986	-59.3	-8.43
5/29/1986	-58.9	-8.52
3/25/1986	-79.0	-11.55
11/13/1985	-60.9	-9.11
8/27/1985	-53.5	-7.32
6/18/1985	-58.6	-8.21
3/12/1985	-75.5	-11.19
12/5/1984	-53.6	-8.35

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wisconsin**

Station Name: **Black River Near Galesville**

Station Number **05382000**

Hydrologic Unit Code: 07040007

Drainage Area
(square miles): 2080

Latitude: 44° 04' 22"

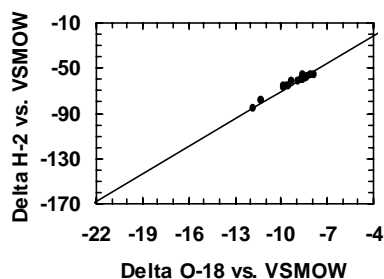
Datum (ft): 658.43

Longitude: 91° 17' 41"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/24/1986	-58.8	-8.59
2/27/1985	-77.9	-11.24
4/3/1985	-77.6	-11.28
6/19/1985	-59.9	-8.73
8/7/1985	-59.4	-8.57
10/2/1985	-55.8	-8.56
1/6/1986	-64.7	-9.54
1/16/1985	-66.9	-9.86
4/29/1986	-65.5	-9.80
8/25/1987	-55.1	-8.08
9/3/1986	-57.1	-8.31
11/4/1986	-60.3	-8.90
1/13/1987	-61.4	-9.30
3/1/1987	-85.0	-11.83
5/12/1987	-58.3	-8.38
7/21/1987	-55.3	-7.81
3/6/1986	-64.9	-9.58

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wyoming**

Station Name: **Wind River At Riverton**

Station Number **06228000**

Hydrologic Unit Code: 10080001

Drainage Area
(square miles): 2309

Latitude: 43° 00' 38"

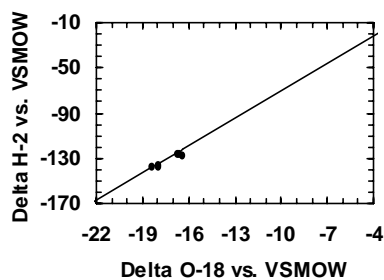
Datum (ft): 4901.56

Longitude: 108° 22' 32"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/8/1987	-127.0	-16.36
7/29/1987	-125.6	-16.67
5/26/1987	-126.7	-16.61
3/12/1987	-137.1	-17.93
1/12/1987	-137.8	-18.31
11/12/1986	-136.4	-17.96

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wyoming**

Station Name: **Wind River Below Boysen Reservoir**

Station Number **06259000**

Hydrologic Unit Code: 10080005

Drainage Area
(square miles): 7701

Latitude: 43° 25' 30"

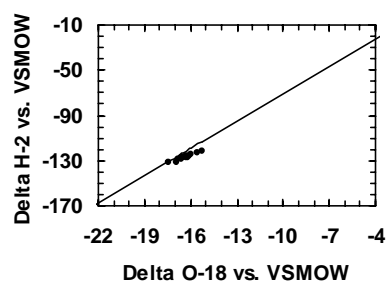
Datum (ft): 4608.58

Longitude: 108° 10' 42"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/15/1987	-129.6	-16.79
1/29/1987	-128.8	-16.55
12/15/1986	-127.0	-16.29
8/6/1986	-132.1	-16.94
6/9/1986	-126.9	-16.15
4/7/1986	-125.1	-15.97
2/5/1986	-123.5	-15.52
12/4/1985	-132.0	-17.41
10/3/1985	-122.1	-15.29
8/6/1985	-126.3	-16.04
6/5/1985	-127.6	-16.47
4/3/1985	-127.8	-16.54
2/11/1985	-127.8	-16.51
12/5/1984	-126.7	-16.24

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wyoming**

Station Name: **Encampment Riv Above Hog Park Creek Near Encampment**

Station Number **06623800**

Hydrologic Unit Code: 10180002

Drainage Area
(square miles): 72.7

Latitude: 41° 01' 25"

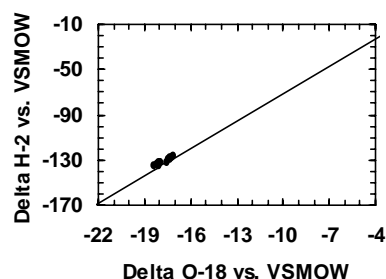
Datum (ft): 8270

Longitude: 106° 49' 27"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
8/19/1987	-128.8	-17.27
5/28/1987	-127.4	-17.34
3/25/1987	-135.2	-18.04
10/1/1986	-126.4	-17.16
8/27/1986	-128.1	-17.21
6/5/1986	-131.7	-17.90
3/12/1986	-133.8	-18.18
10/3/1985	-128.6	-17.42
8/27/1985	-131.1	-17.58
5/9/1985	-133.9	-18.34
1/8/1985	-131.9	-18.00

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wyoming**

Station Name: **North Platte River Above Seminole Reservoir Near Sinclair**

Station Number **06630000**

Hydrologic Unit Code: 10180002

Drainage Area
(square miles): 4175

Latitude: 41° 52' 20"

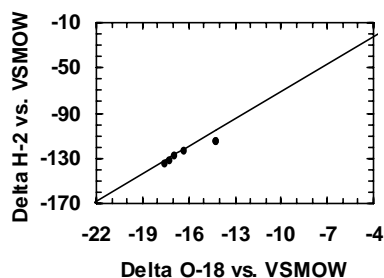
Datum (ft): 6400.75

Longitude: 107° 03' 25"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/16/1987	-115.1	-14.25
6/30/1987	-114.4	-14.18
5/18/1987	-127.6	-16.91
2/25/1987	-133.9	-17.57
12/1/1986	-131.8	-17.17
10/2/1986	-123.7	-16.27

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wyoming**

Station Name: **North Platte River At Alcova**

Station Number **06642000**

Hydrologic Unit Code: 10180007

Drainage Area
(square miles): 10812

Latitude: 42° 34' 27"

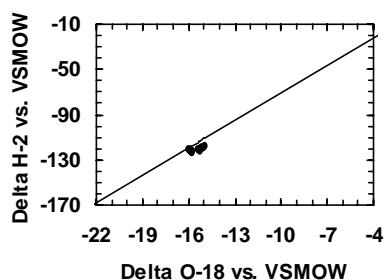
Datum (ft): 5299.4

Longitude: 106° 41' 31"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
7/1/1987	-120.9	-15.38
4/2/1987	-121.9	-15.28
8/5/1986	-121.0	-15.31
4/8/1986	-119.5	-15.09
2/12/1986	-119.1	-14.98
12/12/1985	-117.4	-14.96
10/8/1985	-119.6	-15.12
7/8/1985	-123.6	-15.74
5/14/1985	-122.0	-15.78
3/7/1985	-120.5	-15.92
1/9/1985	-121.4	-15.86
12/10/1984	-122.5	-15.80

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wyoming**

Station Name: **Green River Near La Barge**

Station Number **09209400**

Hydrologic Unit Code: 14040101

Drainage Area
(square miles): 3910

Latitude: 42° 11' 34"

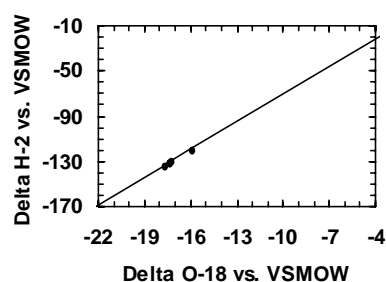
Datum (ft): 6520

Longitude: 110° 09' 45"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
6/16/1987	-121.0	-15.85
4/20/1987	-134.9	-17.63
2/18/1987	-131.6	-17.32
12/1/1986	-131.1	-17.28
10/3/1986	-130.0	-17.17

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wyoming**

Station Name: **Green River Near Green River**

Station Number **09217000**

Hydrologic Unit Code: 14040106

Drainage Area
(square miles): 14000

Latitude: 41° 30' 59"

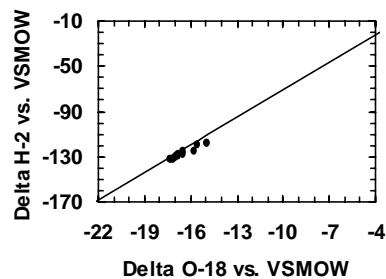
Datum (ft): 6060

Longitude: 109° 26' 54"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
4/15/1986	-130.6	-17.03
2/20/1985	-127.3	-16.84
4/24/1985	-128.9	-16.88
6/4/1985	-124.4	-16.44
8/14/1985	-118.3	-14.95
10/25/1985	-125.1	-15.74
12/13/1984	-125.7	-16.53
2/13/1986	-131.3	-17.15
8/18/1987	-117.4	-14.93
6/10/1986	-128.6	-16.87
8/5/1986	-126.9	-16.51
12/18/1986	-132.1	-17.26
2/19/1987	-131.7	-17.29
4/2/1987	-130.3	-17.01
6/17/1987	-118.8	-15.57
12/17/1985	-128.6	-16.81

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wyoming**

Station Name: **Bear River At Border**

Station Number **10039500**

Hydrologic Unit Code: 16010102

Drainage Area
(square miles): 2486

Latitude: 42° 12' 40"

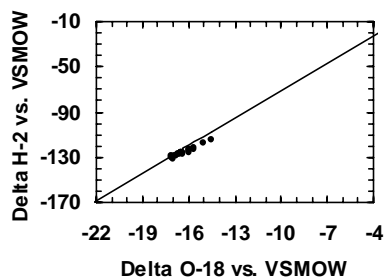
Datum (ft): 6051.63

Longitude: 111° 03' 11"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
9/3/1986	-125.6	-16.35
4/5/1985	-131.5	-17.06
5/29/1985	-126.5	-16.51
7/26/1985	-121.3	-15.61
9/25/1985	-125.9	-16.46
11/27/1985	-129.1	-17.11
1/22/1986	-130.1	-17.15
3/21/1986	-126.9	-16.42
12/7/1984	-127.5	-16.71
7/17/1986	-126.7	-16.51
10/5/1987	-125.3	-15.99
12/1/1986	-128.8	-16.75
1/20/1987	-128.2	-16.95
3/27/1987	-126.7	-16.47
6/2/1987	-114.6	-14.52
7/21/1987	-118.0	-15.05
8/10/1987	-122.9	-15.65
8/26/1987	-122.6	-15.93
9/3/1987	-125.5	-15.98
4/30/1986	-127.4	-16.61

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown



State: **Wyoming**

Station Name: **Cache Creek Near Jackson**

Station Number **13018300**

Hydrologic Unit Code: 17040103

Drainage Area
(square miles): 10.6

Latitude: 43° 27' 08"

Datum (ft): 6750

Longitude: 110° 42' 12"

Collection Date:	Delta H-2 in per mill relative to VSMOW:	Delta O-18 in per mill relative to VSMOW:
5/14/1986	-134.1	-18.06
1/8/1985	-135.4	-18.32
3/18/1985	-135.7	-18.27
5/16/1985	-133.4	-18.01
7/18/1985	-135.2	-18.15
9/17/1985	-134.1	-18.13
11/18/1985	-135.1	-18.20
11/15/1984	-135.6	-18.22
3/18/1986	-134.0	-18.13
9/18/1987	-135.0	-18.07
7/16/1986	-134.1	-18.07
9/18/1986	-133.6	-18.07
11/19/1986	-135.2	-18.08
1/14/1987	-136.0	-18.30
3/19/1987	-135.9	-18.16
5/23/1987	-131.4	-17.32
7/15/1987	-134.6	-18.10
1/13/1986	-136.0	-18.33

Delta H-2 vs. Delta O-18

Global Meteoric Water Line
(Rozanski and others, 1993) shown

